

Title of Programme: BSc (Hons) Data Science

Programme Code: PEDS

Programme Specification

This programme specification is relevant to students entering:
01 September 2023

Associate Dean of School (Academic Quality Assurance):
Mariana Lilley



A programme specification is a collection of key information about a programme of study (or course). It identifies the aims and learning outcomes of the programme, lists the modules that make up each stage (or year) of the programme, and the teaching, learning and assessment methods used by teaching staff. It also describes the structure of the programme, its progression requirements and any programme-specific regulations. This information is therefore useful to potential students to help them choose the right programme of study, to current students on the programme, and to staff teaching and administering the programme.

Summary of amendments to the programme:

Section	Amendment

If you have any queries regarding the changes please email AQQ@herts.ac.uk

Programme Specification BSc (Hons) Data Science

This programme specification (PS) is designed for prospective students, enrolled students, academic staff and potential employers. It provides a concise summary of the main features of the programme and the intended learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if they take full advantage of the learning opportunities that are provided. More detailed information on the teaching, learning and assessment methods, learning outcomes and content for each module can be found in Definitive Module Documents (DMDs).

Section 1

Awarding Institution/Body	University of Hertfordshire
Teaching Institution	University of Hertfordshire
University/partner campuses	College Lane
Programme accredited by	Not applicable
Final Qualification	BSc
All Final Award titles (Qualification and Subject)	Data Science Data Science (Sandwich) Data Science With Year Abroad Data Science with Study Abroad and Employment Experience
FHEQ level of award	6

A. Programme Rationale

There is an urgent need to train competent data scientists to meet the demands of an economy that is increasingly reliant on a workforce skilled in data engineering, data processing and analysis. These skills are relevant to a wide range of sectors, from healthcare to finance to retail and beyond. Demand is expected to grow in the coming years, with data science becoming embedded throughout the UK and global economy.

This BSc (Hons) Data Science programme aims to provide students with a comprehensive grounding in the knowledge and expertise expected of data engineers and data scientists. The curriculum is designed such that students are provided with a thorough exposure to the fundamental mathematical, statistical and algorithmic principles underpinning data science. Entry requirements for the programme are listed in Section G of this document.

Throughout, theoretical work will be reinforced with practical application, with students recognizing and appreciating how the fundamental principles are reflected in a broad range of data processing and analyses. The goal is to provide a comprehensive 'end-to-end' training such that students become competent not only in the processing and analysis of data, but also manipulating and preparing data from a raw state as well as interpreting results and effectively communicating findings to others. This is vital to ensure graduates of this programme are well-prepared to tackle a broad range of challenges in their future careers.

B. Educational Aims of the Programme

Diversity and Inclusion

Our programmes are purposefully designed to enable all students to engage meaningfully with the curriculum by being accessible and representative. We will support students to shape their learning experience, removing barriers and enabling them to succeed. The curriculum explicitly includes

multiple and representative perspectives, valuing collective identities and individual diversity. Learning, teaching and assessment activities help students to understand how they can enhance outcomes both for themselves and for others. All students belong to a learning community, and during their studies we really want to hear their voices, encourage them to listen to others, and express themselves.

The programme has been devised in accordance with the University's graduate attributes of programmes of study as set out in [UPR TL03](#).

Additionally this programme aims to:

- Offer an education and training based on fundamental theoretical principles and current industry-standard software and hardware platforms that is suited to the abilities and career aspirations of students and which will help them realise their potential.
- Offer students a platform which will enable them to embark upon post-graduate study in disciplines where data science skills are of relevance.
- Develop competence in communicating technical findings to other experts and to non-specialists, including the use of computers and software packages for information retrieval and presentation.
- Develop the ability to approach problem-solving activities using mathematical and statistical insight, identify the most appropriate technical solutions using software and hardware and critically assess solution outcomes.

In addition, for those opting to take professional training: provide a one-year training placement in a suitable environment working alongside other professionals. This enhances the achievement of most of the above aims, dependent on the character of the placement.

C. Intended Learning Outcomes

The programme provides opportunities for students to develop and demonstrate knowledge and understanding, skills and other attributes in the following areas. The programme outcomes are referenced to the QAA benchmark statements for Mathematics, Statistics and Operational Research & Computing and the Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies (2014) and relate to the typical student. Additionally, the SEEC Credit Level Descriptors for Further and Higher Education (2021) have been used as a guiding framework for curriculum design.

Knowledge and Understanding:	Teaching/learning methods & strategies	Assessment
A1. Demonstrate knowledge and understanding of the fundamental mathematics and statistics underpinning data science.	Acquisition of knowledge and understanding is through a combination of lectures, workshops, problem-based learning, electronic resources, small group tutorials, coursework, directed study, feedback from assessment and practical and project work.	Knowledge and understanding are assessed through a combination of unseen examinations (A1, A2), practical examinations (A1), in-course assessments (A1-A4) in the form of reports and computer codes (A2, A3), class tests (A1, A4), coursework assignments (A1-A4), project reports (A2, A3), oral and presentation (A1-A3).
A2. Demonstrate knowledge and understanding of the programming skills and computational techniques used to ingest, manipulate, prepare, process, model, analyse, interpret and visualise data.	Throughout, the learner is encouraged to undertake independent study both to supplement and consolidate what is being taught/learnt and to broaden their individual knowledge and understanding of the subject.	
A3. Demonstrate knowledge and understanding of the analysis and presentation techniques required to critically assess and communicate results of data operations	Additional support is provided by StudyNet and the Mathematics Support Service	
A4. Demonstrate knowledge and understanding of important		

topics related to legal, ethical and security issues in data science in society		
Intellectual skills:	Teaching/learning methods & strategies	Assessment
<p>B1. Formulate and tackle problems in data science using theoretical tools and computational techniques.</p> <p>B2. Critically and quantitatively assess the outputs of data operations and analyses</p> <p>B3. Interpret the meaning of the outputs of data operations and analyses.</p>	<p>Intellectual skills are developed throughout the programme by the methods and strategies outlined in section A above.</p> <p>Learning Outcomes B1-B3 are developed through tutorial exercises, workshops, coursework, group-work, laboratory and project work.</p> <p>Throughout, the learner is encouraged to develop intellectual skills further by independent study.</p>	<p>Intellectual skills are assessed through a combination of unseen examinations (B1), practical examinations (B1-3), assessed individual in-course assignments (B1-B3), workshop and laboratory code and reports (B1-B3), class tests (B1-B3), presentations (B1-B3) and project report (B1-B3).</p>
Practical skills:	Teaching/learning methods & strategies	Assessment
<p>C1. Develop robust computational code to tackle problems in data science and data engineering using appropriate algorithms, software frameworks and hardware architectures.</p> <p>C2. Apply appropriate methodology to critically assess, interpret and communicate the outputs of data operations and analyses.</p> <p>C3. Be able to use high-performance computing equipment.</p>	<p>Practical skills are developed through workshops and practical classes and independent project.</p> <p>Throughout, the learner is expected to consolidate their development of practical computing skills by use of appropriate personal computers available in the Learning Resources Centre.</p>	<p>Practical skills are assessed through workshop and laboratory reports and code (C1, C2, C3) and coursework and assignments (C1, C2, C3).</p>
Transferable skills:	Teaching/learning methods & strategies	Assessment
<p>D1. Communicate effectively, both orally and in writing.</p> <p>D2. Work effectively in a team.</p> <p>D3. Demonstrate time, personal management and IT skills.</p>	<p>Transferable skills are developed through problem solving workshops and group presentations (D1-D3), individual assignments (D1, D3), writing practical reports (D1) and project work (D1-D3).</p> <p>Throughout, the learner is encouraged to develop transferable skills by maintaining a record of evidence and completing a personal development plan.</p>	<p>Transferable skills are assessed through a combination of group presentations (D1-D3), individual assignments (D1, D3), written practical reports (D1-D3), project reports) (D1-D3).</p>

D. Programme Structures, Features, Levels, Modules, and Credits

The programme is offered in full time (3 years), sandwich (4 years) and part time (6 years) modes and leads to the award of a BSc Degree with Honours in Data Science.

Entry is normally at level 4 (with A-level or equivalent qualifications) but is possible at level 5 with suitable qualifications/experience (e.g. transfer from a similar programme at another institute, or from a relevant programme within UH). Intake is normally Semester A (September).

Professional and Statutory Regulatory Bodies

No accreditation.

Work-Based Learning, including Sandwich Programmes

An award in the sandwich mode is made if at least 30 weeks of approved, supervised work experience is undertaken in addition to the period required for the full-time award. This is defined in [UPR AS11](#).

Student Exchange programme

Incoming Exchange

N/A

Study Abroad

Students can opt to take a year abroad after completing Level 5. Students can also opt to combine studying abroad with a professional placement, by completing a half-year placement and one semester of Study Abroad in the year after completing Level 5. Before being approved to take either of these options, the student must have their module choice selection signed off by the Programme Leader or Study Abroad Coordinator. The modules taken abroad do not contribute to the degree classification and are purely deemed a Pass or Fail.

To pass, the student normally must pass 90 credits worth of modules (45 credits if also completing a placement). If successful, they will have “with Year Abroad” or “with Study Abroad and Employment Experience”, as appropriate, included in their degree title. While students are studying abroad, the Study Abroad Coordinator is in regular contact with them to deal with any issues arising.

Programme Structure

The programme structure and progression information below (Table 1a and 1b) is provided for the Honours award. Any interim awards are identified in Table 1b. The Programme Learning Outcomes detailed above are developed and assessed through the constituent modules. Table 2 identifies where each learning outcome is assessed.

Table 1a Outline Programme Structure

Mode of study: Full Time/Part Time

Entry point: Semester A

Level 4

Compulsory Modules Module Title	Module Code	Credit Points	% Examination	% Coursework	% Practical	Semesters
Statistics and Probability	4PAM2008	15	0	100	0	A
Mathematical Methods	4PAM2006	15	30	70	0	A
Principles of Data Science	4PAM2022	15	60	40	0	A
IT Literacy and Core Skills	4PAM2023	15	0	100	0	A
Linear Algebra	4PAM2014	15	60	40	0	B
Data Science Laboratory 1	4PAM2024	15	0	100	0	B
Computational Modelling	4PAM2018	15	0	100	0	B
Principles of Data Presentation	4PAM2026	15	0	100	0	B
Data Science Small Group Tutorial 1	4PAM2025	0	0	P/F	0	AB

Progression to level 5 requires a minimum of 90 credits. The maximum study rate in such an instance would be 150 credits and students would be expected to remedy any failed modules from level 4 in the first instance.

Level 5

Compulsory Modules Module Title	Module Code	Credit Points	% Examination	% Coursework	% Practical	Semesters
Programming	5PAM2016	15	0	100	0	A
Information Theory	5PAM2028	15	60	40	0	A
Big Data and High-Performance Computing	5PAM2029	15	0	100	0	A
Blockchains and Cryptocurrencies	5PAM2030	15	0	100	0	A
Career Planning and Development	5PAM2026	0	0	100	0	A
Statistical Modelling	5PAM2024	15	40	60	0	B
Introduction to Machine Learning and Neural Networks	5PAM2034	15	40	60	0	B
Game Theory	5PAM2023	15	60	40	0	B
Data Science Laboratory 2	5PAM2033	15	0	100	0	B
Data Science Small Group Tutorial 2	5PAM2035	0	0	P/F	0	AB

Progression to level 6 requires 210 credits, including 90 credits at level 5. The maximum study rate in

such an instance would be 150 credits and students would be expected to remedy any failed modules from level 5 in the first instance.

Optional sandwich year BSc (Hons) Data Science

	Module Code	Credit Points	% Examination	% Coursework	% Practical	Semesters
Optional Modules						
Module Titles						
Professional Data Science Placement	6PAM2030	0	0	P/F	0	AB
Data Science Year Abroad	6PAM2035	0	0	P/F	0	AB
Data Science Placement with Study Abroad	6PAM2036	0	0	P/F	0	AB

Level 6

	Module Code	Credit Points	% Examination	% Coursework	% Practical	Semesters
Compulsory Modules						
Module Title						
Data Science Project	6PAM2026	30	0	80	20	AB
Computer Vision and Natural Language Processing	6PAM2029	30	0	100	0	AB
Linear Modelling	6PAM2014	15	0	100	0	A
Advanced Machine Learning and Neural Networks	6PAM2033	15	40	60	0	A
Multivariate Statistics	6PAM2020	15	0	100	0	B
Next Generation Data Science	6PAM2027	15	0	100	0	B

The award of an Honours degree in Data Science requires 360 credit points passed with a minimum of at least 120 at level 6 and include the individual project module.

Honours classification

The University has approved structure and assessment regulations common to all programmes. Full details are provided in [UPR AS14](#), Section D.

Table 1b Final and interim awards available

The programme provides the following final and interim awards:

Final Award	Award Title	Minimum requirements	Available at end of Level	Programme Learning Outcomes developed (see above)
BSc (Hons)	Data Science	360 credit points including 240 at level 6/5 of which 120 must be at level 6, including a pass in Data Science Project 6PAM2026.	6	All programme learning outcomes (see Table 2)
BSc (Hons)	Data Science (Sandwich)	360 credit points including 240 at level 6/5 of which 120 must be at level 6, including passes for Data Science Project 6PAM2026 and Professional Data Science Placement 6PAM2030.	6	All programme learning outcomes (see Table 2)
BSc (Hons)	Data Science with a Year Abroad	360 credit points including 240 at level 6/5 of which 120 must be at level 6 and include a pass in Data Science Project 6PAM2026, plus one academic year of study at an approved institution in Europe or world-wide and must perform satisfactorily as assessed by the Professional Training Certification Panel.	6	All programme learning outcomes (see Table 2)
BSc (Hons)	Data Science with Study Abroad and Employment Experience	360 credit points including 240 at level 6/5 of which 120 must be at level 6 and include a pass in Data Science Project 6PAM2026. Additionally, it must include a	6	All programme learning outcomes (see Table 2)

minimum of an 18-week approved and supervised placement plus half of one academic year of study at an approved institution in Europe or world-wide and must perform satisfactorily as assessed by the Professional Training Certification Panel.

Interim Award	Award Title	Minimum requirements	Available at end of Level	Programme Learning Outcomes developed (see above)
University Certificate		45 credit points at level 4.	4	See UPR AS11, section 13: http://sitem.herts.ac.uk/secreg/upr/AS11.htm
Certificate of Higher Education		120 credit points at level 4.	4, 5	See UPR AS11, section 13: http://sitem.herts.ac.uk/secreg/upr/AS11.htm
Diploma of Higher Education		240 credit points including at least 120 at level 5.	5, 6	See UPR AS11, section 13: http://sitem.herts.ac.uk/secreg/upr/AS11.htm
BSc	Data Science	300 credit points including 180 at level 6/5 of which 60 must be at level 6.	6	A subset of the programme learning outcomes (see Table 2) depending on the student's individual modules passed
BSc	Data Science (Sandwich)	300 credit points including 180 at level 6/5 of which 60 must be at level 6, and a pass in Professional Data Science Placement 6PAM2030.	6	A subset of the programme learning outcomes (see Table 2) depending on the student's individual modules passed
BSc	Data Science with a Year Abroad	300 credit points including 180 at level 6/5 of which 60 must be at level 6. With one academic year of study at an approved institution in Europe or world-	6	A subset of the programme learning outcomes (see Table 2) depending on the student's individual modules passed

		wide and must perform satisfactorily as assessed by the Professional Training Certification Panel.		
BSc	Data Science with Study Abroad and Employment Experience	300 credit points including 180 at level 6/5 of which 60 must be at level 6. Minimum of an 18-week approved and supervised placement plus half of one academic year of study at an approved institution in Europe or world-wide and must perform satisfactorily as assessed by the Professional Training Certification Panel.	6	A subset of the programme learning outcomes (see Table 2) depending on the student's individual modules passed

Programme-specific assessment regulations

The programme complies with the University's academic regulations (in particular, [UPR AS11](#), [UPR AS12/UPR AS13](#) and [UPR AS14](#)) with the exception of those listed below, which have been approved by the University:

Further programme-specific regulations (requiring School-level approval) are given below:

- Students who have a disability which might impact on their attendance should consult with their Disability Advisor and Programme Leader.
- Part-time students decide their study paths by discussion with the Programme Leader.

E. Management of Programme & Support for student learning.

Management

The programme is managed and administered through:

- A Programme Leader to help students understand the programme structure and provide academic and pastoral support;
- A Personal Tutor to provide one-on-one guidance and pastoral support
- Student representatives on programme committees;
- An Admissions Tutor with specific responsibility for open days and selection;
- Module Leaders;

- A designated administrative team to deal with day-to-day administration associated with the modules within the programme.
- Project Supervisors who provide one-to-one tutoring during the 30-credit project module.

Support

Students are supported by:

- An induction week at the beginning of each new academic session;
- A Student Handbook to explain the programme, the support services available and to provide a calendar of events for the year.
- An Overseas Orientation Programme at the beginning of each new academic session; English language support;
- You will have a Personal Tutor who will be an important point of contact, able to help you gain a good understanding of the School and programme you are studying.;
- Module delivery information given out at the commencement of each module;
- Computing laboratories and access to relevant hardware;
- Canvas, a versatile online interactive intranet and learning environment;
- Access to extensive digital and print collections of information resources;
- Attractive modern study environment in Learning Resources Centres;
- A substantial Student Centre that provides advice on issues such as finance, University regulations, legal matters, accommodation, international student support, etc.;
- Office of Dean of Students, Student Wellbeing (incorporating Counselling, Mental Health and Disability Support), Chaplaincy, and Day NurseryMedical Centre;
- A Mathematics Support Service;
- Student Wellbeing, which delivers a range of professional, specialist services to support you with emotional, mental health, disability and health related issues. This includes Counselling, Disability and Mental Health support.
- An Equality Office;
- Guided student-centred learning through the use of Canvas
- A Careers Service for all current students and graduates to advise on opportunities for industrial placement, further study and employment;
- On-campus accommodation, University head-tenancy accommodation, on-site catering and entertainment facilities, permits for on-site parking (limited) and a Day Nursery for pre-school children;
- Help Desks in both the Learning Resources Centres;
- The Students' Union.
- Student Success Hubs, which include a Mathematics Drop-in Centre
- Medical Centre
- University Disability Advisors
- Dedicated programme site

F. Other sources of information

In addition to this Programme Specification, the University publishes guidance to registered students on the programme and its constituent modules:

- A dedicated programme site
- A Definitive Module Document (DMD) for each constituent module;

The [Ask Herts](#) website provides information on a wide range of resources and services available at the University of Hertfordshire including academic support, accommodation, fees, funding, visas, wellbeing services and student societies.

As a condition of registration, all students of the University of Hertfordshire are required to comply with the University's rules, regulations and procedures. These are published in a series of documents called 'University Policies and Regulations' (UPRs). The University requires that all students consult these documents which are available on-line, on the UPR web site, at: <http://www.herts.ac.uk/secreg/upr/>. In particular, [UPR SA07](#) 'Regulations and Advice for Students' Particular Attention - Index' provides information on the UPRs that contain the academic regulations of particular relevance for undergraduate and taught postgraduate students.

In accordance with section 4(5) of the Higher Education and Research Act 2017 (HERA), the UK Office for Students (OfS) has registered the University of Hertfordshire in the register of English higher education providers. The Register can be viewed at: <https://www.officeforstudents.org.uk/advice-and-guidance/the-register/the-ofs-register/>.

G. Entry requirements

For current entry tariff point requirements, please refer to the relevant page for the Course on the University website or on the online prospectus.

The programme is subject to the University's Principles, Policies and Regulations for the Admission of Students to Undergraduate and Taught Postgraduate Programmes (in [UPR SA03](#)), along with associated procedures. These will take account of University policy and guidelines for assessing accredited prior certificated learning (APCL) and accredited prior experiential learning (APEL).

If you would like this information in an alternative format please contact:
Hutton Hub Student Administration Services hhaq@herts.ac.uk

If you wish to receive a copy of the latest External Examiner's Report for the programme, please email a request to aqo@herts.ac.uk

BSc (Hons) Data Science

Table 2: Development of Intended Programme Learning Outcomes in the Constituent Modules

This map identifies where the programme learning outcomes are delivered and assessed in the constituent modules. It provides (i) an aid to academic staff in understanding how individual modules contribute to the programme aims (ii) a checklist for quality control purposes and (iii) a means to help students monitor their own learning, personal and professional development as the programme progresses.

		Programme Learning Outcomes (as identified in section 1 and the following page)														
		Knowledge & Understanding				Intellectual Skills			Practical Skills			Transferable Skills				
		Module Title	Module Code	A1	A2	A3	A4	B1	B2	B3	C1	C2	C3	D1	D2	D3
Level 4	Statistics and Probability	4PAM2008	X				X	X	X	X	X			X		X
	Mathematical Methods	4PAM2006	X				X	X	X	X	X			X		X
	Principles of Data Science	4PAM2022	X	X	X	X	X					X		X		X
	IT Literacy and Core Skills	4PAM2023		X			X				X			X		X
	Linear Algebra	4PAM2014	X				X	X	X			X		X		X
	Data Science Laboratory 1	4PAM2024		X	X	X	X	X	X	X	X	X	X	X	X	X
	Computational Modelling	4PAM2018		X			X	X	X	X	X	X		X		X
	Principles of Data Presentation	4PAM2026		X	X		X		X	X	X	X		X	X	X
	Data Science Small Group Tutorial 1	4PAM2025	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Level 5	Programming	5PAM2016		X				X	X	X	X	X		X		X
	Career Planning and Development	5PAM2026														
	Information Theory	5PAM2028	X				X	X	X			X		X		X
	Big Data and High-Performance Computing	5PAM2029		X			X		X	X	X	X	X	X		X
	Blockchains and Cryptocurrencies	5PAM2030	X	X		X	X		X	X	X	X		X		X
	Statistical Modelling	5PAM2024	X		X		X	X	X	X	X	X		X		X
	Introduction to Machine Learning and Neural Networks	5PAM2034	X	X			X	X	X	X	X	X		X		X
	Game Theory	5PAM2023	X				X	X	X			X		X		X
	Data Science Laboratory 2	5PAM2033		X	X	X	X	X	X	X	X	X	X	X	X	X
	Data Science Small Group Tutorial 2	5PAM2035	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Level 6	Data Science Project	6PAM2026	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Next Generation Data Science	6PAM2027		X			X					X		X	X	X
	Linear Modelling	6PAM2014	X		X		X	X	X	X	X			X		X
	Advanced Machine Learning and Neural Networks	6PAM2033	X	X			X	X	X	X	X	X	X	X		X

		Programme Learning Outcomes (as identified in section 1 and the following page)													
		Knowledge & Understanding				Intellectual Skills			Practical Skills			Transferable Skills			
Module Title		Module Code	A1	A2	A3	A4	B1	B2	B3	C1	C2	C3	D1	D2	D3
	Multivariate Statistics	6PAM2020	X		X		X	X	X	X	X		X		X
	Computer Vision and Natural Language Processing	6PAM2029		X	X		X	X	X	X	X		X		X

KEY TO PROGRAMME LEARNING OUTCOMES

Knowledge and Understanding

- A1. The fundamental mathematics and statistics underpinning data science
- A2. The programming skills and computational techniques used to ingest, manipulate, prepare, process, analyse, interpret and visualise data
- A3. The analysis and presentation techniques required to critically assess and communicate results of data operations
- A4. Important topics related to the legal, ethical and security issues in data science in society

Intellectual Skills

- B1. Formulate and tackle problems in data science using theoretical tools and computational techniques
- B2. Critically and quantitatively assess the outputs of data operations and analyses
- B3. Interpret the meaning of the outputs of data operations and analyses

Practical Skills

- C1. Develop robust computational code to tackle problems in data science and data engineering using appropriate algorithms, software frameworks and hardware architectures
- C2. Apply appropriate methodology to assess, interpret and communicate the outputs of data operations and analyses
- C3. Be able to use high-performance computing equipment

Transferable Skills

- D1. Communicate effectively, both orally and in writing
- D2. Work effectively in a team
- D3. Demonstrate time, personal management and IT skills

Section 2

Programme management

Relevant QAA subject benchmarking statements	Mathematics, Statistics and Operational Research & Computing
Type of programme	Undergraduate
Date of validation/last periodic review	November 21
Date of production/ last revision of PS	March 23
Relevant to level/cohort	Level 4 entering September 2023
Administrative School	School of Physics, Engineering & Computer Science
Language of Delivery	English

Table 4 Course structure

Course details			
Course Code	Course Description	HECOS	UCAS
PEDS	BSc (Hons) Data Science (Data Science)	100992, 35%; 100956, 35%; 101030, 30%	G200