University of Southampton

This is to certify that on
25 November 2024

VYOM KHANNA

was awarded the degree of
MASTER OF SCIENCE

with Merit
in Data & Decision Analytics

President and Vice-Chancellor

Vice-President (Operations)

28965736

University of Southampton
Diploma Supplement

Section 1 Information identifying the Holder of the Qualification

Student Name   Vyom Khanna
Date of Birth   20 July 1998
Student ID   28965736
HESA ID   23100071588965731

Section 2 Information identifying the Qualification

Qualification Achieved

Master of Science
in Data & Decision Analytics

Classification

with Merit

Date Awarded   25 November 2024
Date of Admission   25 September 2023
Date of Leaving   30 September 2024

Awarding Institution   University of Southampton
Teaching Campus   Southampton campuses
Language of Instruction English

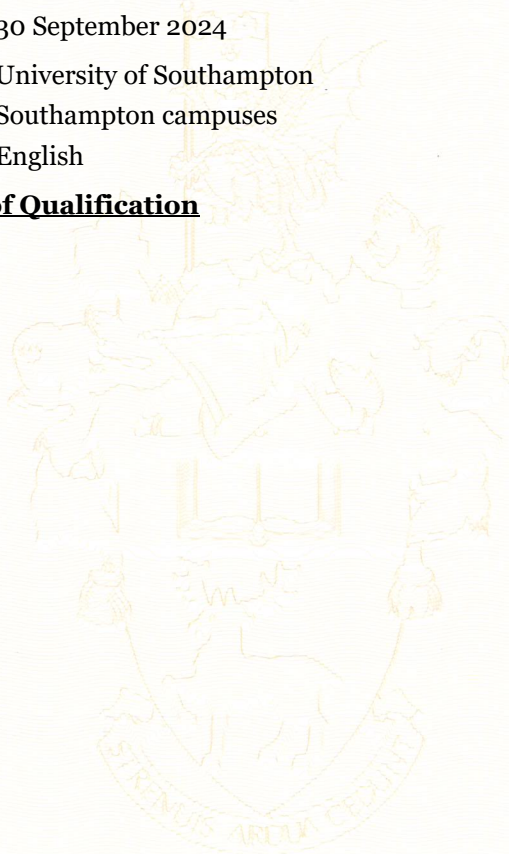## Section 3 Information on the level of Qualification

Programme Level

Postgraduate Taught

Length of Programme

12 Months

Mode of Study

Full Time

President and Vice-Chancellor   Vice-President (Operations)

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Diploma Supplement

Student Name   Vyom Khanna

Student ID   28965736   **HESA ID**   23100071588965731

Section 4 Programme Outcomes and Results Gained

2023/24		Level	UK Credits	ECTS	Code	Mark
MATH6005	Introduction to Python	NQF7	7.50	3.75	OE	77
MATH6017	Financial Portfolio Theory	NQF7	7.50	3.75	OE	42
MATH6027	Design of Experiments	NQF7	15	7.5	OE	50
MATH6119	Analytical Consultancy Skills	NQF7	7.50	3.75	OE	77
MATH6145	Presenting Reports	NQF7	7.50	3.75	OE	68
MATH6146	Revenue Management	NQF7	7.50	3.75	OE	42
MATH6161	Deterministic OR Methods for Data Scientists	NQF7	7.50	3.75	OE	49
MATH6164	Stochastic OR Methods for Data Scientists	NQF7	7.50	3.75	OE	56
MATH6166	Statistical Computing for Data Scientists	NQF7	7.50	3.75	OE	67
MATH6174	Likelihood and Bayesian Inference	NQF7	15	7.5	OE	61
MATH6183	Data Mining and Analytics	NQF7	15	7.5	OE	69
MATH6184	Computational Machine Learning and Optimisation	NQF7	15	7.5	OE	65
MATH6185	Operational Research and Data Science Case Study 1	NQF7	30	15	OE	65
2024/25		**Level**	**UK Credits**	**ECTS**	**Code**	**Mark**
MATH6185	Operational Research and Data Science Case Study 1	NQF7	30	15	OE	65

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President and Vice-Chancellor   Vice-President (Operations)

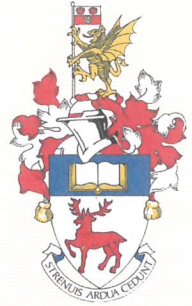# University of Southampton
Diploma Supplement

Student Name Vyom Khanna

Student ID 28965736   **HESA ID** 23100071588965731
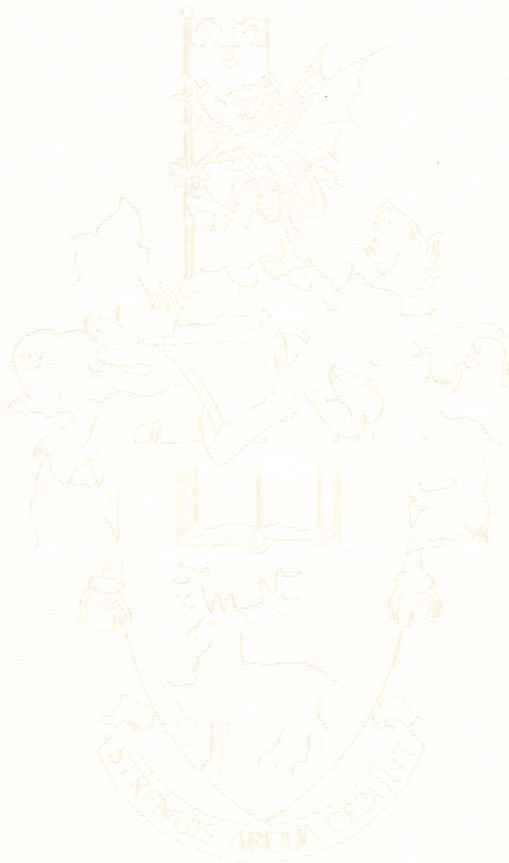
Section 4 Programme Outcomes and Results Gained

2024/25		Level	UK Credits	ECTS	Code	Mark
MATH6186	Operational Research and Data Science Case Study 2	NQF7	30	15	OE	59

Results List Ends

Section 5 Information on the function of the Qualification

No Professional Registration statement recorded

Date Printed | 27 November 2024

President and Vice-Chancellor   Vice-President (Operations)

Understanding this document

The Diploma Supplement was developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient data to improve the international transparency and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It is free from any value judgments, equivalence statements or suggestions about recognition.

The information given overleaf is provided by the University#, under the terms of the Data Protection Act 2018, from its student administration system as the academic and identifying personal information recorded for the student named. It is issued with an explanatory document. 'The University of Southampton Explanatory Notes on the Diploma Supplement'##, and, when read together, it constitutes a full Diploma Supplement.

The Diploma Supplement is divided into the following eight sections; section one, information identifying the holder of the qualification; section two, information identifying the qualification; section three, information on the level of the qualification; section four, information on the content of the qualification and the results gained; section five, information on the function of the qualification; section six, additional information; section seven, certification of the Diploma Supplement and section eight, a summary and description of the UK Higher Education and Training System. Sections on this document are numbered appropriately to correspond with this convention. Sections six and eight, and aspects of sections three, four and five, are continued in the explanatory document.

The University issues its full Diploma Supplement solely to students who completed the requirements for the award of one of its degrees or other qualifications in or after the academic year's 2008-09###. The transcript information alone is provided to students who completed studies before 2008 or who have undertaken studies which did not lead to the award of a degree or other qualification by the University.

The transcript is an authoritative and official record of a learner's programme of study to date, the grades they have achieved and the credit they have gained. Neither the Diploma Supplement nor the transcript is proof of an Award from the University.

The University's programmes of study leading to the award of a named degree or other qualification comprise the study of modules. A module is a self-contained unit of teaching, learning and assessment. Each module has a credit weighting based upon the proportion of time that students are expected to devote to the module. The University uses a credit point system compatible with the QAA Higher Education Credit Framework for England: Guidance on Academic Credit Arrangements in Higher Education in England, October 2014. The European Credit Transfer Scheme (ECTS) has been developed by the European Commission. This is a system based on ECTS credits (student workload), designed to facilitate mobility, credit accumulation and transfer and the international recognition of periods of study completed abroad. Occasionally students may accumulate credits at other institutions. This University will represent the marks achieved for those credits on this document. The modules taken outside of the University can be clearly identified by the last 3 digits of the module (e.g. BIOL1999). The language competency levels used by the University are informed by the Council of Europe's Common Framework of Reference. Modules are assigned levels, represented on this document with the following values and meaning:

0/NQF3 Level 3 (Foundation level)	6/NQF7 Level 7 (Master)
1/NQF4 Level 4 (Certificate of Higher Education level)	7/NQF7 Level 7 (Master of Philosophy)
2/NQF5 Level 5 (Diploma of Higher Education level)	8/NQF8 Level 8 (Doctorate)
3/NQF6 Level 6 (Bachelor including Advanced Diploma in Nursing)	L1-L7 Language competency levels 1-7

The modules and credits studied in each programme year are set out in the individual programme specification as published.

All the module outcomes obtained by a student are represented on this document. The module outcome is represented by a mark. Numerical marks are shown in the University's 0-100 scale. Non numerical marks are shown on a scale of A, B, C, D , E, F. The letter P denotes a Pass and the letter F denotes a Fail, where the module is being marked on a pass / fail basis. Where P is used as postscript to a numerical mark it denotes that the module has been passed, even though the mark appears to be below the module pass mark. Where F is used as postscript to a numerical mark it denotes that the module has been failed, even though the mark appears to be above the module pass mark. The notation 'AU' indicates that the module was audited: this means that the student attended the teaching, but assessment was not taken for any credit. The notation 'AUAB' indicates authorised absence from the assessment of the module. Each mark printed on this document is accompanied by relevant mark code. The code denotes as follows:

OE - Original Entry;	recording the student's original achievement in the first attempt at the module assessment. This may also be shown as CA, CE, CC, CH, IC, RC, RR, SA, SG
RE - Referral;	recording the student's achievement in the referral sitting of a module when the original achievement was not a pass
CR - Capped Mark;	recording the level at which the student's mark was capped following a referral, according to the regulations used for progression and in the classification of Award
OM - Original Mark;	recording the student's achievement when taking referral as if for the first time according to the regulations used in progression and in the classification of Award

If you have any queries about the information contained within this Diploma Supplement, please contact the Exams and Awards Office by email at: studenthub@soton.ac.uk or telephone on: 0044 (0) 23 8059 9599.

UNIVERSITY OF
Southampton

TO WHOM IT MAY CONCERN

27 November 2024

Ref: 28965736

Mr Vyom Khanna

This is to certify that the University of Southampton awarded the Master of Science in Data & Decision Analytics on 25 November 2024 to Vyom Khanna (Date of Birth 20 July 1998) having successfully completed full time academic study at the Faculty of Social Sciences on 30 September 2024.

Vyom Khanna's studies, from 25 September 2023 (date of commencement of studies) to 30 September 2024 (date of completion), took place and were completed in Southampton,UK campuses of the University of Southampton and at no other campus.

Result: with Merit

This degree was awarded under the Royal Charter 1952 of the University of Southampton. In most cases this certifying letter will be accepted as proof of your award.

Yours sincerely

Claire Atkins MBA, MAHEP
Academic Registrar
Office of the Academic Registrar
University of Southampton
Building 37, Highfield Campus
Southampton SO17 1BJ
Email: studenthub@soton.ac.uk

Scan code on reverse to authenticate that this is a genuine paper