

Por la presente certifico que **D. GÖKTUG ASCI** ha cursado el **Programa Master in Business Analytics and Big Data** de IE School of Human Sciences and Technology, en la convocatoria de **octubre de 2020**, obteniendo las calificaciones que se detallan a continuación:

*I hereby certify that **Mr. GÖKTUG ASCI** has completed the **Master in Business Analytics and Big Data Program** at IE School of Human Sciences and Technology, **October 2020** intake. He completed the following courses with the grades indicated below:*

Subject	Grade*	Weight**
ATTENTION FOR HIGH PERFORMANCE	NGS	0
WORKING IN TEAMS	NGS	6
BUILDING THE DATASCIENCE TOOLKIT I	NGS	4
SQL & DATA MODELLING	Excellence	15
R PROGRAMMING	Excellence	20
MATHS & STATISTICS FOR ANALYTICS	Proficiency	15
GIVING WINNING PRESENTATIONS	NGS	6
MACHINE LEARNING I	Excellence	20
BIG DATA & ARTIFICIAL INTELLIGENCE IN BUSINESS	Proficiency	15
INTRODUCTION TO BIG DATA ARCHITECTURES	Honors	15
BUSINESS INTELLIGENCE & DATAWAREHOUSING	Excellence	15
COGNITIVE CHALLENGE	Proficiency	5
DATASCIENCE INDIVIDUAL COMPETITION 1ST ATTEMPT	Proficiency	3
SOCIAL NETWORKS ANALYSIS	Excellence	10
STATISTICAL PROGRAMMING - PYTHON	Excellence	20
DATA VISUALIZATION	Excellence	12
BUILDING THE DATASCIENCE TOOLKIT II	NGS	0
SPARK	Honors	16
MACHINE LEARNING II	Honors	16
NOSQL DATABASES	Excellence	10
RECOMMENDATION ENGINES	Excellence	10
FORECASTING TIME SERIES	Excellence	12
INFLUENCE & PERSUASION	NGS	0
DATASCIENCE INDIVIDUAL COMPETITION 2ND ATTEMPT	Excellence	3
GROUP DATATHON 1ST ATTEMPT	Honors	6
MACHINE LEARNING III	Honors	15
NATURAL LANGUAGE PROCESSING & TEXT MINING	Honors	14
BUILDING THE DATASCIENCE TOOLKIT III	NGS	0
STREAM PROCESSING & REAL-TIME ANALYTICS	Honors	13
COMPUTER VISION	Excellence	10
ADVANCED PYTHON - B	Honors	10
DIGITAL ANALYTICS	Honors	10
MLOPS	Honors	10
RISK, FRAUD & BANKING ANALYTICS - B	Excellence	10
BIG DATA & HEALTH - B	Excellence	10
GROUP DATATHON FINAL ATTEMPT	Pass	12
DATASCIENCE INDIVIDUAL COMPETITION FINAL ATTEMPT	Excellence	3

* Comparative Grading System: Pass 15 %, Proficiency 35 %, Excellence 35 %, Honors 15 % of the class, Fail Unsatisfactory performance.

** Business School credits system: 1 credit IE = 5 sessions of 1.5 hours.

Final Grade: Excellence

Graduation date: July 23, 2021

Y para que conste y surta los efectos que al interesado pudieran convenir, firmo y sello el presente certificado en Madrid a 20 agosto de 2021.

The undersigned hereby certifies and stamps, for the purposes that the interested party may require, the present certificate in Madrid, August 20th, 2021.

Fdo/ Signed: Miriam Fernández de Caleyá Dalmau Ph.D.
Secretaria General / General Secretary
IE Universidad / IE University



Reglamento (UE) n.º 910/2014 del Parlamento Europeo y del Consejo, de 23 de julio de 2014/Regulation (EU) No 910/2014 of the European Parliament and of the Council of 23 July 2014
Miriam Fernández de Caleyá Dalmau - Secretaria General/General Secretary (20/08/2021 CEST)
Url de verificación/ Verification Url:
<https://sinbox.signe.es/inbox/app/057/v/af4ab290-75bd-4980-88b1-803e73d1882f>
Código seguro de Verificación/ Safe Code of Verification: af4ab290-75bd-4980-88b1-803e73d1882f