Branch : IT and communication
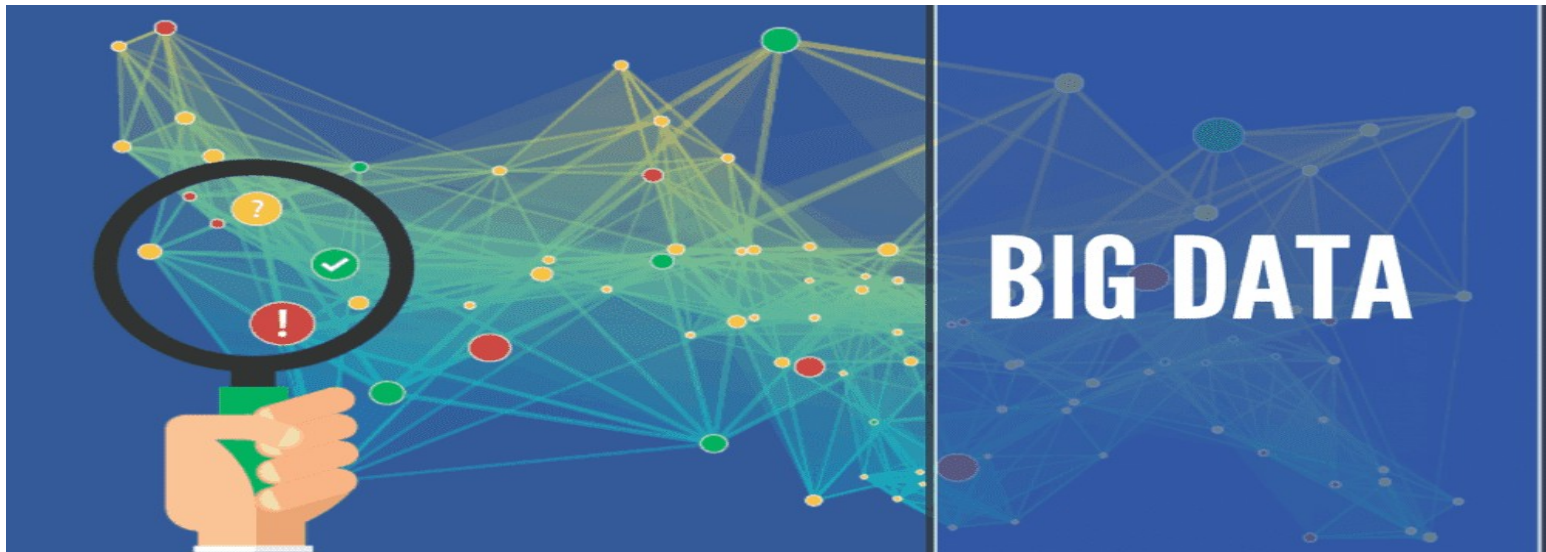

Code: BIGDAT
Option: Big data
Level: Bachelor
Prerequisites : Scientific baccalaureate or equivalent
Opportunities :
DATA SCIENTIST
As a data scientist, you systematically evaluate data and extract knowledge from it. On the basis of your findings, you support the company's management, particularly in strategic decisions. Furthermore, you know how to present your knowledge clearly and communicate it to third parties without specific expertise. Data scientists usually act in an advisory capacity and provide support in difficult situations. With your know-how, you are at home as an expert, especially in the field of business intelligence and big data.
 DATA ENGINEER
As a data engineer, you deal with all relevant processes related to the generation, storage, maintenance, preparation and dissemination of data. Building and monitoring the hardware and software infrastructure is crucial. This includes the design, purchase and installation of all necessary components that are appropriate to the respective requirements. In addition, as a data expert, you are responsible for the security and stability of the entire system and for ensuring that data protection and security are respected.

DATA ANALYSIS CONSULTANT

As an expert, you know how to properly evaluate the flow of digital information and data, regardless of the end device. The aim is to filter out exactly the data that provides the client with important information and figures so that they can deduce trends and customer needs for their market. To achieve this, the data must not only be collected and visualized, but also correctly interpreted. Strategic consulting is therefore one of the essential characteristics of a digital analysis consultant.

Description

Take the plunge with Big Data. In the UUT Data Science degree program you will learn the most important theoretical foundations in the fields of data visualization and analysis, machine learning and software engineering. You will learn all about business intelligence, such as cloud computing and big data technologies. In addition, you can specialize specifically in particular areas such as autonomous driving or the smart factory. And what about your acquired knowledge? You can apply it immediately in practice.

Specific competences :

The digital world provides us with unlimited data. However, only a few specialists can understand this data, analyse it and use it for their own purposes. Your data science degree at Uut wIll make you such an expert in data analysis. Equipped with theoretical problem-solving skills, you will also be able to properly evaluate this data in practice - and systematically use it to find new solutions. No matter when, no matter where. Data science is therefore the central science of all digitalisation processes. And crucial for successful business models in the digital world.

Quality and competences:

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