

Hello,

I noticed that there is a course called "**Data Analysis**" (3 ECTS, MMTM1DAAIL).

The content of this course contains:

Statistical features, correlations, significance tests, linear models for correlation analysis (linear regression), dimensionality reduction methods (PCA, t-SNE), clustering methods (partitioning, density-based).

I have already learned these concepts in my different courses in my previous bachelor.

I have made a public repository on my personal github account, where I uploaded my degree, my transcript of records and the full course content (pdfs, tasks and projects).

<https://github.com/QuintenStr/exemption-data-analysis>

The courses where I learned all the concepts of this data analysis course are called:
(number 1 and 2 are from my previous university in Belgium, number 3 is at FH already)

1) Data Science (5 ECTS, B-ODISEE-OBI63A) with contents:

Data Science Lifecycle, Exploratory Data Analysis, Data Cleaning, Regression Supervised Machine Learning, Classification Supervised Machine Learning, Unsupervised Machine Learning
http://onderwijsaanbod.odisee.be/2023/syllabi/n/OBI63AN.htm#activetab=doelstellingen_idp376480)

2) Big Data (5 ECTS, B-ODISEE-OBI64A) with contents:

Characteristics of Big Data, Possible forms of data, Distributed File Systems, Distributed Computing, Cloud platforms
http://onderwijsaanbod.odisee.be/prev/syllabi/n/OBI64AN.htm#activetab=doelstellingen_idp1007792

3) WF: Data Analysis with Python (English) (3 ECTS, ITSB5DAPIL) with contents:

Introduction to Python. Functions, classes and exceptions; simple I/O and the most important standard modules. Python IDEs and frameworks for computation (partly cloud-based), special tool-boxes (pandas, matplotlib, numpy, scipy, scikit-learn). Tool-boxes (pandas, matplotlib, numpy, Scipy, scikit-learn) and scripting of these, implementation of classical of classical exploratory data analysis and presentation of the results, tSNE or geoplots, display of signals and images. Outlook: Export of data and graphics, crawling of data from the internet, construction of data sets, simple GUI elements
<https://www.fh-salzburg.ac.at/studium/it/informationstechnik-system-management-bachelor/erasmus-and-incoming-students>