

DATA ANALYTICS PROJECT

19.3.-7.5.2020

Data Analytics Project is an 8 weeks long project, where interdisciplinary student teams create and present a solution to a topic and problem introduced by a company. The project sponsor companies describe the topic and problem and supply the student teams with relevant data in a kick-off event during the first week of the project. From week 2 to week 7 the project sponsor companies interact online with the student team following the agenda of the weekly schedule. The purpose of the online meetings is to steer the student project in the right direction and solve potential problems and challenges that arise during the project.

On week 8, the student teams and project sponsors get together in a showcase event, where the students present their data analytic solutions to the project sponsor companies. Those students that participate in the distance learning option are present in the events and meetings online.

The interdisciplinary student teams are formed of students from Bioeconomy Engineering, Business Information Technology, Computer Applications, and International Business that have skills and knowledge needed to develop data analytics solutions for companies.

Data Analytics Project is free of charge for companies, however, they have to invest their time to present the problem, interact with students on weekly online meetings, and be present to receive and give feedback to the end results of the student project.

Data Analytics Project takes place in 19.3.2020-7.5.2020. The companies should prepare to present their topic and problem and deliver the relevant data during week one of the project.

Week 1 19.3.2020: Project sponsors present their topic and deliver the data (project sponsors and students live & recording, Zoom for remote students). Selection of project topic. Agreeing on communication with the project sponsor (documentation, meetings and chat in Microsoft Teams).

Week 2: Familiarization of project sponsor data. Identifying and defining the problem statement. Exploration of problem and data: what can we answer with data given? Discussion about data with project sponsor (online).

Week 3: Explorative analysis of data using PowerBI, and formulating questions project sponsor. Create first visualizations of the project. Discussion about visualizations with project sponsor.

Week 4: Reframe and redefine the problem. Create new variables if necessary. Cleanse and enhance data. Create first metrics of the project. Discussion about metrics with project sponsor (online).

Week 5-6: Append and contextualize data from other data sources. Creating views & dashboards for different stakeholders/user groups. How are we doing -discussion with project sponsor (online).

Week 7: Preparing the presentation and report. How are we doing -discussion with project sponsor (online).

Week 8 7.5.2020: Presentations (project sponsors present live & recording)

Interested in giving a challenge for students to solve?

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