Vak: From data to value — credits: 5

Vakcode	ITVB23AIP2
Naam	From data to value
Studiejaar	2023-2024
ECTS credits	5
Taal	Engels
Coördinator	T.B. Dijkhuis
Werkvormen	Gastcollege Hoorcollege Opdracht
Toetsen	From data to value - Overige toetsing

Leeruitkomsten

- The student imports a dataset in a programme or database, creates a datamodel suitable for the intended use of the data and can query the data.
- The student visualizes datasets to see and understand distributions, trends, outliers and patterns in data.
- The student describes the data using descriptive statistics and investigates relationships in the data.
- The student develops predictive models for the dataset using different algorithms and understands and describes the quality of the model using standard concepts such as the confusion matrix, F1 score, Accuracy, Specificity and Sensitivity.

Inhoud

In this practical course, you will learn the basics of data collection, processing, visualization, and analysis. You will work hands-on with tools that are suitable for your technical level, and you will select a dataset from your field in consultation with the instructors. Ideally, a research group from your school will also be involved in this course.

Opgenomen in opleiding(en)

HBO-ICT Exchange Minor AI and Your Future Profession
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School(s)

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