

DATA COURSE STUDENT LEARNING OUTCOMES

DATA 101 - Introduction to Data Science

Students will be able to formulate questions and evaluate claims using data.

Students will be able to interpret data using R as a statistical software tool.

Students will be able to describe techniques used by data scientists.

DATA 210 - Introduction to SQL for Data Science

Students will be able to construct and modify a table in SQL.

Students will be able to design queries to return answers to specific questions.

Students will be able to execute basic statistical analysis in SQL.

Students will be able to summarize results in a formal presentation.

DATA 220 - Research Methods for Data Science

Students will be able to formulate a question about a collection of data.

Students will be able to organize data for analysis.

Students will be able to select and employ the proper analytical tool to visualize and present the data.

Students will be able to summarize conclusions based on the data.