



5 Courses

Fundamental Tools of Data Wrangling

Data Collection and Integration

Data Understanding and Visualization

Data Processing and Manipulation

Data Wrangling with Python Project



University
of Colorado
Boulder

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SUBODH SINGH

has successfully completed the online, non-credit Specialization

Data Wrangling with Python

This specialization equips students with essential skills and concepts for data wrangling, following a comprehensive data wrangling pipeline that covers data collection, integration, understanding, visualization, processing, and manipulation. Through hands-on learning, students master Python and its powerful packages, including Numpy, pandas, matplotlib, and seaborn, gaining proficiency in data manipulation and visualization. Alongside technical expertise, the specialization fosters critical thinking, effective communication, and continuous learning skills, empowering students to handle real-world data challenges with confidence and deliver impactful insights. Students applied the knowledge gained throughout the specialization in a real-life data wrangling project.

Di Wu
Instructor
Data Science

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

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