

module02-introduction-to-low-code-python-programming-20pct/index.qmd

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overview of module 2 (ca 2x3 hours work)

lesson 2.1 low-code python using jupyter notebooks

- **video lecture:**
 - different python environments, local, cloud, notebooks
 - different python use cases, social science vs computer science
 - open science methods, reproducibility, transparency, collaboration, github
 - **computer lab:** walk-through of google colab notebook user interface
 - **computer lab:** trying some basic python syntax
 - **prepare quiz:**
 - what is the result of this python command
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lesson 2.2 ai-aided code generation with openai

- **video lecture:**
 - different python environments, local, cloud, notebooks
 - different python use cases, social science vs computer science
 - **computer lab:** low-code cda, structured data analysis using pandas, built in data
 - **computer lab:** low-code cda, data visualization using matplotlib, seaborn
 - **prepare quiz:**
 - what are the column names of dataset iris
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