

Anne Lewis Strategies - Senior Data Scientist position - Interview Round 1

This repository has answers for each of the 4 sections:

- **ETL Exercise:** This section contains 4 deliverables:
 - *ETL_Code.ipynb*: A python code instance with documents. Running it requires installing python 3, pandas and jupyter notebook. *ipynb_checkpoints* folder should be disregarded. To run the file, please follow the subsequent instructions:
 - Open terminal
 - `pip install pandas`
 - `jupyter notebook`
 - Navigate to the *ETL_Code.ipynb* file and click on it
 - *people.csv*: A Comma Separated File that contains the people output dataframe
 - *acquisitions_facts.csv*: A Comma Separated File that contains the acquisition facts output dataframe
 - *ETL_email.docx*: A Word Document containing an email to the client as a follow-up from the ETL Exercise
- **Analytics Exercise:** This section contains 2 deliverables:
 - *Analytics_Data.xlsx*: A Excel File that contains 3 emails statistics
 - *Analytics_Answers.pdf*: A PDF file that contains answers to each of the 5 Analytical questions
- **Segmentation Exercise:** This section contains a unique deliverable:
 - *Segmentation_Answers.pdf*: A PDF file that contains an answer to each of the 3 Segmentation Quality Assurance questions
- **Proofing Exercise:** This section contains a unique deliverable:
 - *COMPLETED - Proofing Exercise.docx*: A Word Document that contains tracked changes of the proofing exercise