Objective:

To analyze the <u>provided data</u>, create a report summarizing the data, and identify potential challenges when integrating it with other data sources.

Instructions for the candidate:

- Download and examine the attached JSONL (or csv) data.
- Perform an exploratory analysis of the data to understand its structure, contents, and characteristics.
- Produce a small report that includes the following components:
 - **Data Summary:** describe the key attributes, structure, and format of the JSONL data. Include basic statistics (e.g., number of records, data types, unique values, etc.).
 - **Insights and observations:** identify notable patterns, trends, or anomalies within the data. Highlight any interesting findings or peculiarities.
 - Challenges for integration: discuss potential difficulties or challenges that might arise when integrating this dataset with other data sources. Consider aspects such as data compatibility, normalization, missing values, data quality issues, or inconsistencies that could affect merging with other datasets.
 - **Recommendations:** suggest strategies or approaches to address the identified challenges and ensure successful integration with additional data sources.

Submit the report document (in PDF or Word format) detailing the analysis and observations. Optionally, include supplementary materials like code snippets, visualizations, or any other supporting documents.