Data Products Assistant - Technical Assessment

As a data assistant, your role will be driving innovation by contributing to the ideation, development, and refinement of impactful data products that address real-world challenges. This assessment will help flush out your data science skills.

DON'T SPEND MORE THAN THREE (3) HOURS ON THIS ASSESSMENT.

Section 1: Data Analysis and Statistical Skills

Time: 15 - 20 minutes

Attached is a simple dataset about penguin features such as gender, body mass, etc. Using a tool of your choice, analyze this dataset and provide a simple analysis paragraph explaining your findings. Your analysis should include at least two points on the relationship between some of the features.

Submission:
Analysis extract such as Excel sheet, r script, SPSS output, Python script, Python notebook, etc. along with a textual write-up with the paragraph - feel free to use a text editor of your choice.

Section 2: Data Science Skills

Time: 30 - 40 minutes

Using the same dataset, create two machine learning models that can predict a feature in the dataset. Ensure that one is a Regression Model and the other is a classification model. Evaluate the performance of both models and write a brief description of your findings. Where necessary explain your decisions.

Submission:
Submit R or Python code, and ensure to set seed so your results are reproducible.

You are reminded not to spend too much time on these tasks.

Please respond to this email thread and copy the parties added.

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