**Project Title**: Data Science Salaries 2023

**Team Members**: Group 3: Cody Dixon, Devanshu Solanki, Muhaymin Raza, Anastasia Skrypnyk

**Project Description / Outline**: This project will investigate the salaries of data scientists based on experience in the field, job title, country of employment, currency, company size, remote ratio, and how these factors impact the salaries.

**Research Questions to Answer**:

* How does salary vary in relation to work experience?
* How does salary vary based on job title?
* How does company size impact salary?
* Does remote work affect salary?
* Company location?
* Does currency affect salary or is it relatively the same?
* Who is interested in the research/newly generated data frames?
* What are the limitations of the dataset?
* How can we expect the data to change in a year?

**Datasets to be used:**

<https://www.kaggle.com/datasets/arnabchaki/data-science-salaries-2023>

**Rough Breakdown of Tasks:**

1. Using jupyter-notebook / pandas / numpy: clean and sort dataset based on categories: 3 out 4 group members will split the jupyter notebooks, creating 3 data frames per group member based on 3 out 9 criteria that we are comparing salary against. (Anastasia S., Devanshu S., Muhaymin R.)
2. Using madplotlimb, 1 out of 4 group members will generate relevant charts/graphs to visualize the data frames. (Cody D.)
3. Each team member will individually write their summary/conclusion, summarizing their findings & answering the research questions posed above. (Everyone)