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Columbia FinTech Bootcamp - Project 1 Proposal

**Submission of this for is acknowledgement and understanding of this rubric, it's content, and what you are responsible for as an individual or group. Please note that when grading I am not only grading your work but also YOU - your demonstration of knowledge, presentation skills, contribution of working and meaningful code through commits, etc.**

Technical Requirements

The technical requirements for Project 1 are as follows:

Software Version Control (10 points)

* Repository created on GitHub. (2 points)
* Files frequently committed to repository. (3 points)
* Commit messages with appropriate level of detail included. (2 points)
* Repository organized, and relevant information and project files included. (3 points)

Data Collection and Preparation (10 points)

* Data collected from CSV files, APIs, or databases by using Python or a Python library. (5 points)
* Data cleaned and prepared for the application or analysis by using Python or a Python library. (5 points)

Financial Programming (40 points)

* Code runs without errors and produces the assigned results. (25 points)
* Code uses good systems design with appropriate use of functions and modules for code organization. (5 points)
* Code uses DRY (don’t repeat yourself) principles and is as concise as possible. Variable names are short but specific. (5 points)
* Code incorporates a new Python library not previously covered in the course. (5 points)

Documentation (15 points)

* Code is well commented with concise, relevant notes. (5 points)
* GitHub README file includes a concise project overview. (2 points)
* GitHub README file includes detailed usage and installation instructions. (3 points)
* GitHub README includes either examples of the application or results and summary of the analysis. (5 points)

Presentation Requirements (25 points)

* An executive summary/overview of the project and project goals. (5 points)
* Data Collection, Cleanup & Exploration (5 points)
* The approach that your group took in achieving the project goals. (5 points)
* The results/conclusions of the financial application or analysis. (5 points)
* Next Steps. (5 points)

Instructor discretion of adding or subtracting points (within reason) based on the following, but not limited to:

* Presentation skills - everyone presents the same amount of minutes, slide organization, concise and well rehearsed presentation, etc.
* Overall demonstration of knowledge and
* Mastery of content, or thereof

Note - I usually do not take off points unless there is glaring, unavoidable issues with your project that I have to take into consideration.

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