**Project**

Data Science at A&F requires information gathering, problem formulation and hands-on coding. This project is intended to give you a taste of the type of work we do and allows us to get to know your level of expertise. Show us what you can do, and don’t worry, there is no right answer.

**Data Source**

<https://archive.ics.uci.edu/ml/datasets/Census+Income>

For modeling tasks, use “adult.data” as training and “adult.test” as validation

For other tasks, feel free to combine both datasets.

**Goal**

The goal of this project is to profile people in the above dataset based on available demographic attributes, and tell a story to non-technical audience on your findings.

Example questions to guide your exploration include:

1. What are the key factors contributing to high vs. low income?
2. Are there any significant gaps in these Census attributes by gender or race?
3. Who are most likely to be successful investors?

You are welcome to explore beyond these questions, if you discover anything else that might interest you along the way.

**Required Outputs**

Provide Python/R/SAS script you wrote for this project.

Add comments to describe each step of code.

Provide a summary of the findings (in excel or power point).

**Communication**

Email response within 1 day of receiving the project with an estimated delivery of the results.

Email the results upon completion.

Optional: 1 email with questions about how to complete the project.