**ADS-507 – Initial Final Team Project Proposal**

Fill out this form and submit it by the end of Module 3 in Blackboard.

Team Number: **6**

Team Leader/Representative: **Lane Whitmore**

Full names of team members:

1. **Lane Whitmore**

2. **Dave Friesen**

Title of your Production-Ready Data Pipeline project: **Illuminating Global Monetary and Financial Stability – Bank for International Settlements (BIS) Data**

Short description of your project and objectives:

**The Bank for International Settlements (BIS) is an international “bank for central banks” supporting monetary and financial cooperation among its central bank owners around the globe (BIS, 2023). Among its roles, the BIS compiles and publicly publishes statistics that inform analysis of global financial stability and liquidy.**

**The objective of this project is to establish a production-ready data pipeline of select BIS datasets, ultimately exposing key indicators from this data to support additional analysis.**

***BIS – Bank for International Settlements*. The Bank for International Settlements. (n.d.). Retrieved January 28, 2023, from https://www.bis.org/**

Name of your selected datasets:

1. **US dollar exchange rates (monthly, quarterly and annual)**

2. **Consumer prices**

3. **Policy rates (monthly)**

Description of your selected datasets (data source, format, size of dataset, etc.):

**The datasets listed above are sourced from BIS’ statistics download page located at the following URL: https://www.bis.org/statistics/full\_data\_sets.htm. The following Table 1 summarizes these datasets:**

**Table 1**

*BIS Datasets*

|  |  |  |
| --- | --- | --- |
| **Dataset Name** | **File Name and Format** | **Size (dimensional)** |
| US dollar exchange rates (monthly, quarterly, annual) | WS\_XRU\_csv\_col.csv | 1,150 rows (less header)  3,960 columns |
| Consumer prices | WS\_LONG\_CPI\_csv\_col.csv | 240 rows (less header)  1,696 columns |
| Policy rates (monthly) | WS\_CBPOL\_M\_csv\_col.csv | 39 rows (less header)  937 columns |

Please provide the link for your GitHub repository here: **https://github.com/lanewhitmore/BIS\_Data\_Pipeline**

How many times have your members met in the last two weeks? **Once via Zoom, with more Slack interactions. We also plan to begin a regular meeting cadence now that we’ve established our core dataset.**

What was the agreed upon method of communication? Are you using any teamwork project management software, such as [Trello](https://trello.com/en-US) or [Asana](https://asana.com/)? **So far we’ve found Slack to be very efficient (asynchronous, and both responsive this way). We will likely continue this with, managing our project through GitHub, Slack, and regular Zoom-based meetings.**

Comments/Roadblocks: **We’re both anxious to move deeper into the project and so far we’re not experiencing any roadblocks.**