The project is to create a data repository and visualization for 400 asset managers that are provided by our sponsor. The objective was achieved through the Data Spider system that we created. The system crawls different social media such as LinkedIn, Reddit, and Instagram. The crawled data then persists into a centralized MySQL database. A visualization is then built on top utilizing Tableau dashboard. Since we do have a final product that is working as intended, the project is successful.

Materials and Methods

The Key Professionals dataset we call dataspider is aimed at delivering global coverage of investors and consultant key professional that are involved in making investment decisions beginning with US based firms. Jing Wang from eVestment has provided a list of 400 asset managers to crawl data, organize in a database and create appropriate visualization tools. By the end of this project, the goal is to provide coverage for the US Investors and Consultants found within eVestment platform.

• Asset manager list provided by Jing Wang
• Github list provided by Dr. Han
• Visual Studio Code
• Python
• MySQL Workbench/My SQL Installer for Window
• Jupyter
• Db4free.net
• PowerBI
• Tableau 2020.4

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