Lightspeed Venture Partners

Scope
This Statement of Work (SOW) defines work to be performed by Harvard Data Analytics Group for Lightspeed Venture Partners through their Data Platform team. This work consists of automating data transformation to match LSVP's existing data channels and may include building and deploying a machine learning model on the clients data on startups or founders. This effort is in support of LSVP's efforts in leveraging data science to become more competitive in the venture industry.

Overview
Lightspeed Venture Partners is a global venture capital firm focusing on multi-stage investments in the enterprise technology, consumer, and health sectors. Having partnered with more than 400 companies since their founding, LSVP has had 15 IPOs in the last decade including Snapchat, Affirm, MuleSoft, and AppDynamics. LSVP has left a global footprint with investments in Silicon Valley, Israel, Southeast Asia and more, allowing them to be unrivaled in understanding growth opportunities. To help their initiatives in innovating and finding exceptional people who are building the future, HDAG will support the Data Platform's team through automation and machine learning models.

Deliverables
- **Due Diligence Automation**
  - The HDAG team will use LSVP's datasets and automate the configuration of the data into formats that can be processed through LSVP's existing code. This will be a Python script that takes in JSON or CSV files and arranges the data accordingly.
- **Model Training**
  - After automating the data ingestion process, HDAG will explore a ranking or classification Machine Learning approach based on LSVP's company or people data. The data will be in the form of JSON.

Skills: Data Analysis, Machine Learning