## Job Description

Our client’s Performance Insights team is hiring a Python/Machine Learning Analyst who will assist the team in implementing a machine learning project in a big data environment to analyze customer digital and offline behavior and segmentation to achieve servicing goals across customer journeys in near-real time. This candidate will work with GPI staff to onboard machine learning models, developed in Python, Spark, and Hive, into the big data environment.

**Responsibilities**:

* Provide technical assistance to GPI Predictive Analytics team with the following tasks:
* Productionize current models, developed in Python, Spark, and Hive, making adjustments to model code as needed to score customers, and working with partner big data, digital, and messaging teams to facilitate execution
* Update and retrain current models in Python with new data, parameters, and extensions beyond initial channels and targeting platforms
* ETL in Hive

**Skills:**

* Experience with data science fundamentals, predictive analytics and machine learning algorithms
* Expertise programing in Python, using machine learning and other relevant packages (scikit-lean, NumPy, pandas, matplotlib, etc.), particularly as related to random forests
* Expertise with ETL using SQL/Hive SQL
* Experience implementing models in production HDFS/big data environment, preferably via Spark integration
* Experience with digital data (SiteCatalyst) or customer journey data (Clickfox) highly desirable
* Undergraduate or graduate education in quantitative field or data sciences highly desirable