

# Marshal Turner

## Data Scientist

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## Skills

<b>Programming Languages / Libraries:</b>	Python (Pandas, Selenium, Matplotlib, Spark, Seaborn, Scikit-learn, Tensorflow/Keras, SQLAlchemy, PyPyodbc, Django, Flask, Win32.Client, JSON), SQL (T-SQL), Apache Spark (Pyspark SQL)
<b>Big Data Cloud Analytics Platforms:</b>	Snowflake, Azure DataBricks, Git
<b>Machine Learning Models:</b>	Linear Regression, SVM, KNN, LGBM, AUTOARIMA, PCA, SVD, LSTM, Random Forest Regressors, pmdarima
<b>Visualization Tools:</b>	Tableau, Microsoft Power BI, Microsoft Report Builder

## Work History

### **Nolan Transportation Group, Inc. (NTG) - Hybrid**

#### ***Data Science Analyst, October 2022 - Now***

- Building a grading system for lane reliability to help NTG brokers evaluate and determine if NTG must bid on posted loads to mitigate risk and optimize revenue for over 60% of NTG bids.
- Developed and maintains a website application backed by a multi-data source ETL pipeline that feeds pricing rates and metrics to a live forecast model directly assisting NTG's management of over \$139 million in revenue.
- Coded an FTP server tap to back data visualizations (Tableau) that image 3PL readings on transportation lanes to optimize our reefer (refrigerated truck transport) activity analysis to improve NTG's predictive modeling.
- Performed exploratory data analysis and data visualization with Seaborn on big data queries sourced from 2 cloud platforms: Azure and Snowflake.

#### ***Pricing BI Analyst, 2021 - October 2022***

- Forecasted monthly full truck load carrier linehaul rates across the US for Q4 with a monthly average MAPE of 1.9% to establish the logic behind the grading system for lane reliability.
- Coded, troubleshooted, and deployed an autonomous JIRA REST API tap script that parses Outlook emails to then create JIRA tasks with preselected details to increase the daily productivity for each data analyst.
- Collaborated with the NTG pricing team on the automation of various price point load calculations for data mining and data analysis by creating online apps, building SSRS and Tableau Reports, as well as VBA excel files.

### **Vanderlande Industries - Remote**

#### ***Project Manager, 2020-2021***

- Lead sales engineer for the largest CPSS midsize PAX RFB Vanderlande has participated in (\$250+ mill) to then when RFB bid.
- Presented numerous Request for Proposals and Bids to C-Level audience members.
- Consistently facilitated meetings with various internal stakeholders to open and close different sales phases for each Request for Proposal or Bid.
- Organized bid schedules for participating departments, models and pricing solutions for various qualities of service, presents and leads meetings on the pipeline stages for each solution.
- Designed and documented a sales engineering learning curriculum for new hires to streamline and improve the team onboarding process.

## Education

Kennesaw State University  
BS: Systems and Industrial Engineering