**Ruxin Li**

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**SKILLS**



**Business Intelligence Tool**: Tableau (Tableau Desktop Qualified Associate Certification), Power BI, Excel

**Programming Languages**: SQL, R, Python (Pandas, Numpy), Excel VBA

**Machine Learning**: GLM, Tree-based Methods, SVM, Clustering

**Supply Chain Management**: Inventory management, Order Management, ERP system (Microsoft Dynamics AX), Forecasting and Procurement, Transport Optimisation

**EDUCATION**



**William and Mary, Raymond A. Mason School of Business *May* 2020**  
Master of Science, Business Analytics GPA:3.82

**Old Dominion University *Dec* 2018**  
Bachelor of Science, Business Analytics & Supply Chain Management GPA:3.71

**EXPERIENCE**

**Resurgent Capital Services**

***Workflow Analyst*** ***Jan 2022 - Nov 2022***

* Manage and optimize user queries, perform tests on company’s financial strategies in account database
* Analyze daily and weekly test data with SQL and R, develop and maintain dashboards on company’s financial strategies using PowerBI
* Identify and measure potential problems in workflow implementation, collaborate with other departments to enhance the workflow procedures.

**The Penrod Company**

***Analyst - Supply Chain*** ***July 2020 - Dec 2021***

* Created weekly reports in Excel to monitor shipment details, built a synchronized dashboard in PowerBI to provide purchase suggestions for buyers to keep the minimum net requirement
* Provided monthly supply chain prediction and weekly transfer solutions to balance supply and demand plans between warehouses
* Collected and organized transport documents to manage shipments using ERP tool Microsoft AX, communicated and updated information with vendors and agent

**Deppon Logistics**

***Logistic Data statistician*** ***Jan 2019 - May 2019***

* Reallocated cargo space of diverse products of a cosmetic company customer based on clustering analysis with SPSS
* Created a visual dashboard of monthly transportation volume, periods delay of logistics nodes, and presented to managers to decide major routes of customers, saved transportation space 16.7%, transportation cost $69,640

**DATA ANALYTICS PROJECTS**



**Ferguson Capstone Project**

*Modeling Analyst Feb* 2020 - *May* 2020[[link](https://ruxinli.github.io/Fergoson-Projects/)]

* Organized, integrated, and cleaned data (over 40000 rows) by linking multiple external and internal data sources using SQL and Alteryx
* Recommended new showroom locations for Ferguson by developing predictive Machine Learning models (GBM, XGBoost, and SVM, etc.) in R, selected the best analytics model based on MSE
* Produced interactive dashboard in Tableau to provide location insights for Management Team