SHIVANI KARINGULA

✉ shiv.karingula@gmail.com ☎ (201)-739-1841 in linkedin.com/in/shivani-karingula ⦿ skaringula.github.io

EDUCATION

Rutgers University – Rutgers Business School   **New Brunswick, NJ**
B.S. in Business Analytics & Information Technology and B.S. in Supply Chain Management   May 2020
- **Awards:** Dean's List (Fall 2018, Spring 2019), Johnson and Johnson INSPIRE Award

SimpliLearn   **New York, New York**
Online Data Science Master's Certification   December 2022
- **Coursework:** Data Science with Python, Machine Learning, Data Visualization with Tableau, Data Science Capstone

RELEVANT PROJECTS

Diabetes Detection - Binary Classification (SimpliLearn Capstone Project)
- Cleaned and transformed medical predictor variables using *pandas* to make dataset ready for analysis
- Performed EDA using *matplotlib* and *seaborn* to analyze relationship between predictor variable and target variable (whether patient has diabetes or not)
- Trained and compared various classification models (*logistic regression, decision tree, random forest, SVM, Naive Bayes, and KNN classifier*)
- Optimized parameters with *GridSearchCV* and evaluated model performance using various metrics
- Developed *Tableau* dashboard to visualize relationship between predictor and target variables and the distribution of the data

Income Qualification Project
- Trained a *RandomForest classifier* model to predict the level of income qualification needed for aid based on household attributes
- Discovered that average years of education for adults, dependency ratio, and overcrowding of the households had significant influence on determining the income level
- Improved model performance using *GridSearchCV* and evaluated it using *confusion matrix* and *classification report*

PROFESSIONAL EXPERIENCE

Medidata Inc.   **Iselin, NJ**
Associate Implementation Consultant   Jul 2020-Jul 2021
- Configured Medidata's software products (primarily Rave EDC) to meet client requirements for clinical trial design
- Supported client during enablement or implementation of Medidata's software by answering questions, resolving configuration or user acceptance testing issues, and providing guidance on software usage
- Worked to project management timelines and budgets, ensuring timely completion of deliverables within the agreed scope of work

Johnson and Johnson-Ethicon Inc.   **Somerville, NJ**
Global Data Analytics and Reliability Co-op   Jan 2019-Dec 2019
- Developed a global Pre-SLOB/SLOB (Slow Moving and Obsolete) Analytics Tableau dashboard that allows planners to allocate and expedite critical stock resulting in estimated **savings of $50,000 per month**
- Performed data wrangling using Python and created Backorder Duration Tableau dashboard which improved customer service levels across all franchises, saving approximately **$10,000 to $20,000 weekly**, and achieved the **JNJ INSPIRE award**
- Designed project plans for 12 reports identified as use cases for automation using Tableau or RPA (Robotic Process Automation) bots with a projected **75% decrease in reporting time**

Shiseido Americas Corporation   **Rutherford, NJ**
Transportation Co-op   June 2018-Dec 2018
- Reduced turnaround time for processing Shiseido and Beauté Prestige Group invoices by 15% by implementing new strategy
- Facilitated item information updates in JDE by providing harmonized codes to describe basic product type and identifying hazardous material

SKILLS & INTERESTS

Technical Skills: Data wrangling, data visualization, machine learning, statistics

Tools: Python (numpy, pandas, scikit-learn, matplotlib, seaborn, gridSearchCV), Tableau, SQL, Microsoft Excel

Languages: Fluent in Telugu, Conversational in Hindi and Spanish