KRISH MANIAR

Boston | (617)-869-8989 | krish.maniar@hotmail.com | LinkedIn | Tableau Public | Github | Portfolio

EDUCATION

Northeastern University, Boston, MA   **December 2020**
Master of Science, Engineering Management, GPA : 3.854

NMIMS University, Mumbai, India   **August 2017**
Bachelor of Technology, Mechanical Engineering

EXPERIENCE

ASICS Digital, Boston, MA | Business Intelligence Co-Op   **Jan 2020 – Jun 2020**
- Engineered customized solutions to track key performance indicators such as bounce rate, views, weekly active runners, (20+ metrics) for internal and external teams across ASICS regional offices following AGILE system
- Curated automated dashboards on Tableau, writing custom SQL queries, updating stakeholders weekly/monthly
- Illustrated tracking of signups to the OneASICS platform enabling the project manager to monitor any anomalies with software update rollouts reducing rollback times from weeks to days
- Provided a proof of concept code written in Python to reduce redundancies in product color names for analytics using clustering techniques on image data
- Drastically reduced data consumption by updating a SQL script to update rather than refresh data table
- Worked with data engineers to make ETL procedures for loading external data into the data warehouse
- Assembled data from disparate sources (BigQuery, Google Analytics, Snowflake) with scrupulous attention to detail catering to ad-hoc requests as needed

Northeastern University, Boston, MA | Teaching Assistant   **Sep 2019 – Dec 2019**
- Meticulously graded assignments and exams of around 80 students as per university guidelines warranting fairness

ImEx Cargo, Boston, MA | Student Consultant   **Sep 2019 – Dec 2019**
- Researched loading optimization techniques and presented findings to the CEO suggesting first and best fit algorithm as a viable solution to the cargo loading problem
- Delivered a solution to visualize the loading of cargo in three dimensions using VBA/macros in Excel

MPSTME Motorsports, Mumbai, India | Co-Founder   **May 2015 – Jan 2017**
- Built and led a 25-member project team to design and manufacture a race car to compete at a national level Formula Student competition achieving 27th overall out of 60 participating teams

SKILLS

Programming	SQL, Python (Numpy, Pandas, Matplotlib, Sklearn, Seaborn), R(ggplot, dplyr, plotly), Git
Statistics	A/B Testing, Linear and Logistic Regression, Hypothesis Testing, Decision Trees, PCA, LDA
Database/ETL	MS SQL Server, Snowflake, MySQL Server, PostgresSQL, Talend, Alteryx, ER/Studio, SSIS
BI Tools	Tableau, Power BI, Microsoft Excel (Pivot tables, Pivot charts, VLookup)
Cloud	Amazon Web Services (IAM, S3, DynamoDB Lambda), BigQuery, Google Analytics

PROJECTS

Visualizing 36 Years of Meat Production (Python, Tableau) link
Synthesized a Tableau dashboard using meat production data sourced from USDA, processed in Python

Recommender System Using IMDB Movies Data Set (Python) link
Implemented a Deep and wide network to build a recommender system for movies using the IMDB movie data set

Santander Bank Customer Transaction Prediction (Python) link
Constructed a model to predict the probability of transaction using boosted decision trees on data provided by Santander Bank, improving accuracy of prediction by 10% over simpler models

Prediction of Liver Disease (R) link
Predicted presence of liver disease with an accuracy of 81% based on patient blood test data, utilizing classification algorithms (SVM, KNN, CART, Random Forest).