

KRISH MANIAR

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Allured by how patterns and relations emerge from seemingly insignificant relationships, and with an insatiable curiosity to learn I commenced my journey into the field of analytics. I engineer solutions to aid data driven decision making.

EDUCATION

Northeastern University, Boston, MA

December 2020

Master of Science, Engineering Management, GPA: 3.854

Relevant Courses: Intro to Machine Learning, Deep Learning, Probability and Statistics, Economic Decision Making, Data Mining

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 global offices following AGILE system
- Curated automated dashboards on Tableau, writing custom SQL queries to create tables and views on the backend Snowflake database adding to the data pipeline using GIT, updating stakeholders daily/weekly/monthly
- Visualized 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 utilizing clustering techniques that reduced ambiguity in product color which enabled recovery of 20% data that was lost when using regex
- Identified an issue with a SQL script in the pipeline and fixed it reducing data consumption by over 100%
- Assembled data from disparate sources (BigQuery, Google Analytics, Snowflake) with scrupulous attention to detail catering to ad-hoc requests as needed to answer data questions and aid data informed decision making

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 2018 – Dec 2018

- 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

TECHNICAL SKILLS

Programming	SQL (all joins, group by, order by), Python (Numpy, Pandas), R, GIT, UNIX
Database	MS SQL Server, Snowflake, MySQL Server, PostgreSQL
ETL	Talend, Alteryx, ER/Studio, SSIS
BI Tools	Tableau, Power BI, Quicksight, Advanced Excel (Pivot tables, Pivot charts, vlookup)
Cloud	Amazon Web Services (Redshift, S3, EMR)

PROJECTS

IMDB Movie Datawarehouse (Talend, SSMS, SQL)

Curated a data warehouse integrating large datasets (10+ million rows) from data marts consisting of OLAP, facts and dimension tables using Talend, and enhanced performance that resulted in a 20% drop in task completion time

Visualizing 36 Years of Meat Production (Python, Tableau) [link](#)

Designed 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