

Nissim Panchpor

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TECHNICAL SKILLS

- Data Analysis, Business Intelligence, Data Warehousing, ETL, Data Modeling, Data Visualization, Data Engineering, Machine Learning, Predictive Modeling
- Python, R, SQL, Tableau, Power BI, AWS, Azure, Hive, Shell Scripting, JavaScript, PL-SQL, Java, Git, SSIS, SSRS, Visio, Excel

PROFESSIONAL EXPERIENCE

- Data Engineer | Microsoft** Aug 2018 - Present
- Leading and delivering analytics solutions for Cloud & AI Finance
- Data Science Intern | HERE Technologies** Jan 2018 - Jun 2018
- Succeeded in establishing a data-driven partnership between HERE and an automobile giant by delivering crucial analysis
 - Performed data preprocessing by cleaning, resampling and merging 3 datasets with 80M rows using Pandas
 - Developed 7 automated dashboards by extracting and visualizing vehicle drive paths, weather, vehicle sensors, driver inputs using Python, HERE Mapping API and Tableau
- Data Analyst Intern | Holland America Group** Jun 2017 - Dec 2017
- Identified \$500K budget gap by doing Root Cause Analysis of 3 years of financial data from 14 Holland America cruise ships
 - Delivered 9 highly interactive dashboards to present insights for data-driven business decision making to the top leadership
- Business Intelligence and Analytics Developer | IBM** Sep 2014 - Jul 2016
- Headed a team of 4 developers to generate \$31M in revenue by implementing database system 'Prepaid ODS'
 - Created and deployed complex, highly-optimized SQL queries that processed over 10M rows pulled from more than 15 fact and dimension tables
 - Achieved near-real time daily ingestion of 50M rows into ETL using streaming data framework - Infosphere Streams

EDUCATION

- Master of Science in Information Management | University of Washington, Seattle, WA | GPA: 3.91/4.00** Jun 2018
- Specialization: **Data Science** and **Business Intelligence**
- Relevant Coursework: Business Intelligence Analysis, Social Media Data Mining, Visualization Design, Customer Analytics
- Bachelor of Engineering in Computer Engineering | University of Mumbai, India** May 2014
- Relevant Coursework: Data Mining Data Warehousing, Data Structures and Algorithms, Business Analytics

PROJECTS

- Clustering of trending technologies and Firms in News (collaboration with Pitchbook Data, Inc.)** Jan 2018 - Jun 2018
- Analyzed text of 2.1M news articles to cluster technologies and firms into 6-7 clusters
 - Building visualizations to present a trend of sentiment associated with firms and technologies
- Data Warehouse and OLAP Solution for a retail company** Jan 2017 - Mar 2017
- Increased revenue by \$240K by providing actionable insights about store location, online presence, retail commission
 - Developed an end-to-end BI system including dimensional modeling, staging tables and ETL process to populate dimension and fact tables using Microsoft Visio, SQL Server and SSIS packages
- Multivariate Analysis of Paid Search Advertising data for hotels** Oct 2017 - Nov 2017
- Predicted 300 US hotels' future reservations with linear and logistic regression using variables like click-through-rate, keyword characteristics and average keyword placement
- Spam detection pipeline using Naïve Bayes, Random Forest, Support Vector Machine** Feb 2018
- Scraped emails, cleaned the data using Numpy and Pandas in Python to convert raw data into a dataframe
 - Leveraged ML models to train a classifier for spam email filtering using Scikit-learn in Python