

Nissim Panchpor

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TECHNICAL SKILLS

- Data Analysis, Machine Learning, Natural Language Processing, Data Visualization, Deep Learning, Business Intelligence, ETL
- SQL, Python, R, Spark, Tableau, Azure Cloud services, Shell Scripting, PL-SQL, Java, Git, SQL Server, Visio, Gephi
- Pandas, NumPy, scikit-learn, Matplotlib, Seaborn, Keras, TensorFlow, dplyr, ggplot2, SpaCy, NLTK, NetworkX

PROFESSIONAL EXPERIENCE

- Data Engineer | Microsoft** Aug 2018 – Present
- Leading and delivering data and analytics solutions for Cloud & AI Finance stakeholders
 - Built Azure cloud penetration KPIs essential grow the cloud business for Microsoft's senior leadership team
 - Managed a team of 4 developers (contract) to deliver more than 10 data solutions
- Data Science & Strategy 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 from PostgreSQL
- 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 about Environmental Compliance Program to top leadership
- Business Intelligence and Analytics Developer | IBM** Sep 2014 - Jul 2016
- Led a team of 4 developers to generate \$31M in revenue by implementing database system 'Prepaid ODS' for CRM
 - Achieved real time daily ingestion of 50M rows into ETL using streaming data framework - Infosphere Streams
 - Created and deployed SQL scripts that processed over 10M rows pulled from more than 15 tables for faster reporting
- Reader/Grader: Advanced Database | iSchool, University of Washington** Mar 2017 - Dec 2017

EDUCATION

- Master of Science in Information Management | University of Washington, Seattle, WA | GPA: 3.89/4.00** Jun 2018
Specialization: **Data Science**
Relevant Coursework: Data Science III – Scaling, Machine Learning & Econometrics, Visualization Design, Customer Analytics
- Bachelor of Engineering in Computer Engineering | University of Mumbai, India** May 2014
Relevant Coursework: Data Mining, Neural Networks, Data Structures and Algorithms, Computer Vision

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 and visualize trend of sentiment
 - Add a new feature in PitchBook Platform that presents visualizations of a trend of sentiment associated with firms and technologies
- Data Warehouse and OLAP Solution for a retail company** Jan 2017 - Mar 2017
- 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
 - Increased revenue by \$240K by providing actionable insights about store location, online presence, retail commission
- 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
 - Evaluated the performance and compared ML models based on metrics like precision, accuracy, recall, F-score and AUC