Nissim Panchpor

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TECHNICAL SKILLS

- Machine Learning, Deep Learning, Predictive Modeling, Natural Language Processing, Data Visualization, Business Intelligence
- Python (Pandas, Numpy, Scikit-learn), R (dplyr), SQL, Tableau, Keras, Redshift, PL-SQL, Java, Git, ggplot2, SSIS, SSRS, Visio

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PROFESSIONAL EXPERIENCE

Data Science Intern | HERE Technologies   Jan 2018 - Present

- Predicted driver behavior by building predictive models using BMW and Audi vehicle sensor data
- Developed 7 interactive dashboards in a data story to present to client by extracting and visualizing vehicle drive paths, weather, vehicle sensors, driver inputs using Tableau

Data Analyst Intern | Holland America Group   Jun 2017 - Dec 2017

- Identified **$500,000** 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

- Headed a team of **4** developers to generate **$31 Million** in revenue by implementing database system 'Prepaid ODS'
- Deployed and built SQL scripts that processed over **10 million** rows pulled from more than 15 fact and dimension tables
- Achieved near-real time daily ingestion of **50 million** rows into ETL using streaming data framework - Infosphere Streams

Teaching Assistant: Advanced Databases | iSchool, University of Washington | 6 months   Mar 2017 - Dec 2017

EDUCATION

Master of Science in Information Management | University of Washington, Seattle, WA **| GPA: 3.94/4.00**   Jun 2018

Specialization: **Data Science** and **Business Intelligence**

Relevant Coursework: Machine Learning & Econometrics, Social Media Data Mining, 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

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PROJECTS

Clustering of trending technologies and Firms in News (collaboration with **Pitchbook Data, Inc.)**   Jan 2018 - Present

- Analyzing text of **2.1 million** 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 **$240,000** by providing actionable insights about store location, online presence, retailed 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

Spam detection pipeline using Naïve Bayes, Random Forest, Support Vector Machine   Feb 2018

- Trained and evaluated 3 Machine Learning models for email filtering using Python (Scikit-learn)

Binary Classification of Wines using Deep Learning   Jan 2018

- Trained sequential neural networks using Keras and TensorFlow backend to classify wines based on 10 features

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

Sentiment Analysis of United Airlines incident using Twitter data   Mar 2017 - Jun 2017

- Analyzed 10 million tweets scraped through Twitter API to find a trend of public sentiment categorized over 10 emotions