Nissim Panchpor

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TECHNICAL SKILLS

- Machine Learning, Predictive Modeling, Natural Language Processing, Data Visualization, Deep Learning, Business Intelligence
- Python, R, SQL, Hadoop, Spark, Hive, Redshift, Tableau, Keras, PL-SQL, Java, Git

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PROFESSIONAL EXPERIENCE

Data Science Intern | HERE Technologies
Jan 2018 - Present

- 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 interactive 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 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

Teaching Assistant: Advanced Database | 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, Computer Vision

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PROJECTS

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

- 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

- 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, retailed 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

Binary Classification of Wines using Deep Learning
Jan 2018

- Performed data cleaning and exploratory analysis using scatter plots, correlation matrix using Pandas and Seaborn in Python
- Trained sequential neural networks using Keras and TensorFlow backend to classify wines based on 10 features
- Experimented with different parameters to achieve 98% F-1 score and 97% AUC for wine classifier