

Nissim Panchpor

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TECHNICAL SKILLS

- Machine Learning, Deep Learning, Predictive Modeling, Natural Language Processing, Data Visualization, Business Intelligence
- Python, R, SQL, Tableau, Keras, Redshift, PL-SQL, Java, Git, Gephi, ggplot2, SSIS, SSRS, Visio

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 an interactive data story by extracting and visualizing vehicle drive paths, weather, vehicle sensors, driver inputs using Tableau
- Data Analyst Intern | Holland America Group** Jun 2017 - Dec 2017
- Delivered 9 highly interactive dashboards to gather insights about Environmental Compliance Program to top leadership
 - Influenced finance and personnel business decisions by analyzing financial and customer data from disparate sources to provide actionable insights
- Business Intelligence and Analytics Developer | IBM** Sep 2014 - Jul 2016
- Transformed several modules of an OLTP system 'Prepaid ODS' using Infosphere Streams (A real-time Big Data analysis framework), Perl and SQL resulting in savings of approximately **USD 31 Million** per annum for the client
 - Deployed more than **25 jobs** using DataStage, Streams and SQL scripts for ETL process and generated reports
- 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

PROJECTS

- 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
- Trending Keywords and Firms in News (in collaboration with Pitchbook Data, Inc.)** Jan 2018 - Present
- Developing user research and a machine learning algorithm for classification of financial articles
 - Building visualizations to present a trend of sentiment associated with firms and keywords
- Multivariate Analysis of Paid Search Advertising data for hotels** Oct 2017 - Nov 2017
- Analyzed keywords, keyword categories, average position, impressions, clicks, cost and reservation
 - Predicted future reservations using 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
- Data Warehouse to Analyze Sales History and Give Recommendations to Improve Sales Profit** Jan 2017 - Mar 2017
- Developed an end-to-end BI system including dimensional model, staging tables and ETL process to populate dimension and fact tables using Microsoft Visio, SQL Server and SSIS packages
 - Built visualizations and reports using Tableau to answer business questions and provide recommendations
- Statistical Analysis on Safety of Students In and Around University of Washington Campus** Sep 2016 - Dec 2016
- Collected sample data using a survey and interviews to identify the degree of awareness regarding available security services
 - Conducted hypothesis testing using Chi-square testing and ANOVA to find our correlations