PRITHVI SHETTY

Data Science | Data Visualization | Data Analytics

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EDUCATION

UNIVERSITY OF WASHINGTON, INFORMATION SCHOOL, Seattle, WA   **June 2019**
- Master of Science in Information Management. **GPA: 3.83/4**
- Specializations: **Data Science, Business Intelligence.**
- Relevant coursework: Data Science II (Machine Learning and Econometrics), Data Science I (Predictive data modeling using R, classification and clustering algorithms,), Business Intelligence Systems (Data Analysis and Visualization)

UNIVERSITY OF MUMBAI, Mumbai, India   **June 2016**
- Bachelor of Engineering
- Relevant coursework: Random Signal Analysis(Statistics), Discrete Time Signal Processing (Time Series Analysis), Object Oriented Programming, Structured Programming Approach, Data Compression and Encryption

PROFESSIONAL EXPERIENCE

Accenture Solutions, Data Analyst   **Nov 2016-Aug 2017**
- Analysed and interpreted data reports of the aggregated data and visualised data on dashboards using Tableau, IBM Cognos which helped for driving data driven business solutions and strategic advancement of finances of the client by 11.75%.
- Developed two full modules using SQL, ETL where Big Data (more than 2 million records of raw data) from multiple sources is cleaned, formatted and transformed and then, aggregated in the data warehouse within a period of 2 months. This ensured the timely product release for the client.
- Gave regular presentations about the module to the client and team for streamlining the processes.

PROJECTS & OTHER EXPERIENCE
- **2018: Sentiment analysis of Ebola disease and feature reduction using machine learning:** This is an ongoing research work under Prof. Benjamin Althouse (Institute for Disease Modeling) which concentrates at text mining and performing sentiment analysis using Python to understand the social drivers of the Ebola epidemic. The final step is to improve the accuracy and ROC, eliminating redundant features using feature reducing algorithms (PCA)**.**
- **2018: Airbnb price predictor using machine learning:** This project aimed at fitting a machine learning model (linear/logistic regression) to predict the pricing of rooms in Airbnb and also, performing an exploratory data analysis, text analysis to find the features affecting the price using R.
- **2018: Data warehousing and Analysis/Visualization of Sales data:** This project involved end-to-end designing and building a data warehouse from raw data using SSIS, SQL Server. The final step was to visualize data on dashboards of Tableau and provide recommendations based on the visualizations.
- **2017: Research project to study the Alzheimer's patients:** This project focused on studying the effects of voice-based assistive technology on Alzheimer's patients. Data analysis and visualization of over 60 surveys and 8 telephonic interviews using Tableau, Python helped us draw a meaningful relationship and model between the two.

TECHNICAL COMPETENCIES
- **Programming Languages and Databases**: SQL, Python, R**,** MATLAB, C, Java
- **Tools**: Tableau, Teradata, Cognos**,** R Studio, Talend, PowerBI, Qlikview, Excel, DataStage, SSIS, SSMS, Visio
- **Packages/OS**: Python packages (Pandas, NumPy, SciPy), R packages (forecast, ggplot2), MS Office, Ubuntu

PUBLICATIONS & CERTIFICATION COURSES
- Certified in the Machine Learning course by Stanford University which helped in understanding the regression analysis and learning algorithms (Recommender systems, Neural networks, Clustering by K-means, Support vector machine, Logistic regression) for supervised and unsupervised learning models.
- Published a technical paper for my project involving application of Principal Component Analysis, OCR and RDBMS using SQL in the journal of International Journal of Engineering and Science Invention (see http://www.ijesi.org/v5i10.html)

LEADERSHIP AND COMMUNITY WORK:
- Lead as the chief event manager for LAN gaming at the Computer Society of India TSEC for two years 2014-15.
- Won national level LAN gaming tournament at Gamicon, Bangalore. Awarded 1st place for nine intercollegiate district level tournaments in LAN gaming during college.