PRANAY SHAILESH ASHAR

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PROFESSIONAL SUMMARY

A fresh graduate who is highly motivated and passionate about helping businesses grow while growing along with it. Well educated with a Master's and Bachelor's degree having acquired skills like data analytics, pattern and trend identification and visualization of data insights along the way. Efficient in languages and tools such as Python, R, SQL and Tableau. Multilingual with fluency in English, Hindi and Gujarati.

EDUCATION

Rutgers University - Rutgers Business School (GPA :- 3.75) **New Jersey**
Master of Information Technology & Analytics. **January 2019**
Relevant Coursework :- Business Data Management, Business Analytics Programming, Introduction to Software Development, Operation Analysis, Python Methodologies: Data Science, Analytics for Business INTELLIGENCE using R.

University of Mumbai **Mumbai,India**
Bachelor's in Information Technology. **June 2017**
Relevant Coursework :- Data Structures and Algorithms, Database Management Systems, Software Project Management, Data Mining and Business Intelligence, Software Engineering, Operating Systems, Distributed Systems, Object-Oriented Programming.

TECHNICAL SKILLS

- Programming knowledge of Python (matplotlib, scikit-learn, numpy, pandas), Tensorflow, R, MySQL, C++, Java, JavaScript.
- Data Visualization using Tableau, Python Seaborn PyData Library and Bokeh PyData Library.
- Hands on experience of tools like Microsoft Access, Microsoft Excel, Microsoft PowerPoint, Microsoft Office Suite, Eclipse.
- **Certificate of completion from Udemy for the course Tableau 10 A-Z: Hands-On Tableau Training For Data Science!**
- **Certificate of completion from Google Analytics Academy for Google Analytics for Beginners.**

ACADEMIC PROJECTS

Predicting values for future US Imports. **December 2018**
- ✓ Evaluated US Imports data for 10 years (From 2008-2017) in R using libraries such as fpp & fpp2.
- ✓ Decomposed the above time series data to identify trend & seasonality to derive better insights.
- ✓ Composed models such as Naïve, Moving Average, Exponential Smoothing, Holt's Method and ARIMA models to compare and contrast them to derive the best model for forecast.
- ✓ Summarizing the models we found out that ARIMA model had the highest accuracy when compared based on the RMSE value and thus we used it for predicting US import values for the upcoming years.

Forecasting Demand for Air Passenger Traffic. **October 2018**
- ✓ Analyzed Air Passenger data from Kaggle to forecast passenger traffic for the next 4 years.
- ✓ Modelled SARIMAX on the dataset for forecasting, using python's statsmodels package.
- ✓ Integrated Python scripts with Tableau using TabPy to create visualizations and an interactive dashboard to display changing forecast for changing parameter values in the SARIMAX model that may help business professionals make informed decisions.

Sentiment Analysis on Yelp Review. **June 2018**
- ✓ Examined over 10,000 records of reviews from Yelp.
- ✓ Conducted Data Visualization to display necessary information using Heatmap and Boxplots.
- ✓ Utilized Seaborn Library in Python to make the above graphs aesthetically appealing to the decision makers.
- ✓ Divided the Dataset into a training and testing set to fit a Multinomial Naïve Bayes Model to analyze the accuracy of Star rating for the reviews. We achieved an accuracy rate of ~90% for the above fitted model.

Optimization of Menu Availability for Chipotle. **May 2018**
- ✓ Explored over 4,000 records of Chipotle orders using Python.
- ✓ Achieved Exploratory Data Analysis on dataset using packages like pandas, seaborn, scikit-learn, numpy.
- ✓ Inspected item sales through Order id to determine prospective combo-offers.
- ✓ Implemented Apriori Algorithm (Machine Learning) to optimize delivery line by deriving relationships between ingredients.

Exploratory Analysis of NFL Arrests. **March 2018**
- ✓ Assessed over 1,000 records of NFL games using R.
- ✓ Executed Exploratory Data Analysis to find number of arrests based on multiple factors.
- ✓ Performed Regression Analysis with the help of Multiple Linear Regression to find factors affecting the arrests of the audience.