Arjav Kala

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PROFESSIONAL SUMMARY

Business & Data Analyst professional comfortable working cross-functionally with external and internal stakeholders and actively looking for a Full-Time opportunity. Proficient in developing broad understanding of data and ensuring its effectiveness within the given commercial business context such as Customer and Product Analysis, KPI design, Business reporting by generating actionable insights, building performance dashboards.

EDUCATION

California State University, East Bay | MS in Business Analytics | GPA: 3.84/4.0 | Aug 2019 - May 2021

Related Courses: Database Management, Data Mining, Data Analytics, Data Warehousing & Business Intelligence, Time Series and Statistics, Optimization Methods, Enterprise Resource Planning (ERP), Machine Learning, Project Management.

SRCOEM, Nagpur University, India | BE in Electronics Engineering | GPA: 3.66/4.0 | Aug 2011 – May 2015

TECHNICAL SKILLS

- **Programming Languages**: Python, R Studio, Unix Shell Scripting.
- **Data Tool**: SQL (Oracle, MySQL, MS SQL), MS Excel, Access, AWS, Informatica (ETL tool).
- **Machine Learning**: Classification, Forecasting, Decision Trees, Text Processing Analysis, Naïve Bayes, K-Means, Statistical Analysis, Hypothesis Testing, Random Forest, Clustering, Time Series, Linear and logistic Regression, Support Vector Machine(SVM), ARIMA.
- **Tools and Utilities**: Putty, SQL Developer, WinSCP, Jira, ServiceNow, Salesforce.
- **Visualization**: Tableau, Power BI, Python (seaborn, matplotlib), R (ggplot2), Google Sheets.

EXPERIENCE

California State University, East Bay – Hayward, United States | *Graduate Research Assistant* | **Sep 2019 – Present**

- Created and developed a program which used Web Scrapping to extract the data from job portals for different job positions. The extracted data was used to create a list of the skills which are required across different job positions.
- Implemented program using Text analysis and Natural Language Processing (NLP) which provide a similarity score between the two documents.

RateGain – Dallas, United States **|** *Data Analyst Intern* **| Jun 2020 – Aug 2020**

- Created Tableau dashboards based on cache and system busy errors to identify the trends and performance of the system which helped the business in improving the system efficiency by 10%.
- Developed customer contracts and pricing weekly/monthly reports for the leadership team to evaluate the impact on business before and during the COVID-19 situation.
- Prepare and created a consultative regional metrics for customers that show travel rebound as well as specific demand partner information.

Capgemini Pvt. Ltd. – Mumbai, India **|** *Associate Consultant* **| Jun 2015 – Jul 2019**

- Developed an automated system to generate transaction reports to optimize database resources which helped in reducing ~25% process time.
- Managed and coordinated with team of 4 analyst to develop Customer Interface Module which helped the business in reducing the process time and manual work and collaborated with Senior Experts, Engagement Managers and Partners.
- Performed root cause analysis on flow of data in the system to identify gaps in the data integration process which generated target business insights for clients and proposed solutions which boosted system efficiency and resulting in 500k revenue generation.

PROJECTS

Stock Price Analysis

Build a program that detects the stock price of S&P 500 and provide us with the trend and the seasonality forecast. Also, used Yahoo Finance API and the RSME value obtained was 59.394. Algorithms: Naïve Forecast, Moving Averages, Holt Winter Model, ARIMA model.

COVID-19 Global Overview

Created an automated system in which the database is refreshed on daily basis and provide us with the visualization in Tableau for the COVID cases across the global. Technology : Python, AWS EC2, AWS Relational Database Service (RDS), Tableau.

Fake News Detector

Predictive model using the Natural Language Processing(NLP) to detect whether the news is real or fake. Data Cleaning and performing feature engineering on text and obtained an accuracy of 91%. Algorithms: K-Means, Support Vector Machine(SVM), Logistic Regression.

Predictive Analysis on Airbnb (New York Area)

Performed machine learning on New York Airbnb Dataset to predict the price of the property. Preparing the dataset and Visualizing based on cost, location and type of room. Algorithms: Random Forest, Decision Tree, Linear Regression.

CERTIFICATIONS

Tableau Analyst | Tableau | Credentials | Jun 2020

Oracle Cloud Infrastructure Foundations 2020 Certified Associate | Oracle | Credentials | Jul 2020

Python A-Z : Python for Data Science | Online course on Udemy | Credentials | Jul 2020