SHIVANI ADSAR

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EDUCATION

Northeastern University, Boston, MA Sep 2019 – Jun 2021
Master's, Analytics, **GPA: 3.9/4.0**
Coursework: Probability and Statistics, Intermediate Analytics, Enterprise Analytics, Predictive Analytics, Data Mining, Data Visualization**,** Risk Management**,** Data-Driven Decision Making

Pune University, India Jun 2013 – Jul 2017
Bachelor of Engineering, Computer Science

TECHNICAL SKILLS & COMPETENCIES

Programming & Scripting Languages: Python (NumPy, pandas, scikit), R (ggplot2, dplyr), SAS, Shell, Java, Perl, C, C++
Technologies: JSON, HTML, XML, JavaScript, MATHLAB
Tools: Qlik Sense, Tableau, MS Excel, Power BI, Oracle Fusion Cloud, Splunk, Microsoft Visio
Integrated Development Environment: Eclipse, Visual Studio, NetBeans, Anaconda, Arduino, Android Studio
Database Development: MySQL, SQL server, Oracle db
Operating Systems: MS Windows, Linux (RedHat)
Certifications & Trainings: Oracle Cloud Implementation Specialist, Math for Machine Learning, Six Sigma Principles

PROFESSIONAL EXPERIENCE

GFI Informatique India Private Limited, Pune, India - *Analyst* Feb 2018 – Jun 2019

- Developed, revised and maintained dashboards, customized reports, alerts and visualizations using Oracle Transactional Business Intelligence (OTBI) for demonstrating employees' data to the clients through Oracle Cloud.
- Delivered customized business reports by extracting data from Oracle E-Business Suite and Oracle Fusion using SQL procedures and performed analysis on employees' extracted data using the ERP application. Appointed to represent company for executing overseas onsite project.
- Implemented migration of the data from spreadsheets to web application through the HCM Data Loader & Spreadsheet Data Loader as required by management, performed testing through Sandboxes for data validation.
- Performed Extraction, Transformation and Loading (ETL) process integration for the data from Oracle E-Business Suite to Oracle Cloud. This transformation enabled the HR Department to access employee's data effectively on Oracle Cloud.
- Worked on implementation of business objects & processes into the application as per business needs, carried out User Acceptance Testing (UAT), collaborated with the client to track and resolve issues related to the application and initiated Cloud Upgrades successfully by keeping the data intact and designed enterprise structure for organization.

ioCare, Pune, India - *Application Developer Intern* Oct 2016 – Jul 2017

- Developed an android application (IOT) for controlling A/C appliances remotely through Raspberry Pi, integrated into a wireless switchboard that worked on master-slave mechanism for its operation.

Iterative Scopes Inc., Boston, USA – *Business Analytics Associate Intern* July 2020 – Present

- Developing a data value-chain dashboard capturing the costs and returns associated with imaging and clinical data: from data-transfer agreements, through data supervision, machine learning algorithm development.
- Development of reports and visualizations on annotation data of patients, support of the Clinical Business Development (CBD) department, including but not restricted to strategy and market research, annotation of data and CRM support.

ACADEMIC PROJECTS

Credit Risk Data: Predicting loan sanctions

- Performed regression analysis, predicted chances of loans approval by using the ROC values, analyzed plots through matplotlib and predicted accuracy for the model.

Flights Data: Predicting the Departure and Arrival time of flights

- Implemented regression models, Decision Tress and K-means, probability plots for analyzing data distribution and hypothesis testing for predicting the results.

Spotify Music Data: Predicting the popular and least popular songs (Sentiment Analysis)

- Performed data analysis using K-Means, K-Nearest Neighbor, Random Forest, Decision Trees and Logistic Regression algorithms. The accuracy was calculated for prediction purposes and visualizations were represented using text analysis.

Educational Data: Predicting the placement rates of students

- Performed data preparation by converting the data into long and wide formats for data analysis
- Implemented data visualizations through dashboards and performed text mining on the data

Corona Virus Data: Predicting the Deaths, Infections and Recoveries using Real Time Data

- Performed regression analysis and developed dashboard using K-means, Random Forest and Decision Trees algorithms.