SHIVANI ADSAR

(857) 308-8291 | adsar.s@northeastern.edu | Boston, MA, 02215, USA | linkedin.com/in/shivani-adsar-88100189

EDUCATION

Northeastern University, Boston, MA, USA   Sep. 2019 – June 2021
Master's, Analytics, **GPA: 3.98/4.0,** Coursework: Probability and Statistics, Intermediate Analytics, Enterprise Analytics, Predictive Analytics, Data Mining, Data Visualization, Applications of Artificial Intelligence

Pune University, India   June 2013 – Jul 2017
Bachelor of Engineering, Computer Science, Grade: First Class

TECHNICAL SKILLS & COMPETENCIES

Programming Languages:	Python, R, SAS, Shell, Java, Perl, C, C++, HTML, CSS, XML, MATLAB, Visual Basic
Analytical Tools:	Qlik Sense, Tableau, Advanced Excel, MS Power BI, Oracle Fusion Cloud, Splunk, Microsoft Visio, Salesforce, Cloudera, Hue, Azure
Other Tools:	Git, Jira, Confluence, MS Office Suite, LaTeX
Database Development:	MySQL, MS SQL server, Oracle db (Toad), PostgreSQL
Operating Systems:	MS Windows, Linux (RedHat)
Python and R Libraries:	Pandas, Numpy, Scikit-Learn, Matplotlib, NLTK, Seaborn, Plotly, ggplot2, glm
Machine Learning Models:	Linear Regression, Logistic Regression, Naïve Bayes, Lasso & Ridge Regression, Decision Tree, RandomForest, XGBoost, SVM, K-Means, Keras, Hypothesis Testing, A/B Testing
Certifications and Licenses:	Oracle Cloud Implementation Specialist

PROFESSIONAL EXPERIENCE

Iterative Scopes Inc., Boston, USA – *Business Analytics Associate Intern*   July 2020 – Dec. 2020
- Developed reports and dashboards using SQL querying on patient video, EHR and annotation data for cancer detection.
- Implemented app scripts using advanced excel which automated usage of department KPI within the team.
- Performed data management on CRM workflows and supported central reading operations.
- Designed and developed data value-chain dashboard using Splunk that captured costs and returns associated with imaging and clinical data by gathering data through market research on genomics and omics datasets.
- Performed data analysis and text analysis using R studio on clinical EMR data and implemented data visualizations using Tableau and Splunk to contribute findings and data combinations for machine learning department.
- Performed statistical analysis using t-test, f-test, chi-square test and z-test, on patient data to provide critical findings.

GFI Informatique India Private Limited, Pune, India - *Analyst*   Feb. 2018 – June 2019
- Developed dashboards, reports and alerts using Oracle Transactional Business Intelligence (OTBI) for demonstrating employees' data to clients through Oracle Cloud (SAAS) application. The dashboards improved efficiency to 80% and enabled the HR Department to access employee's data effectively on Oracle Cloud.
- Developed HCM workflows within Oracle Cloud using Oracle Fast Formula as required by clients.
- Implemented migration of the data from spreadsheets to Oracle Cloud, web application through the HCM Data Loader and Spreadsheet Data Loader as required, 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, by integrating data between the two applications which enabled faster data retrieval.
- Implemented business workflows within the cloud application as per business needs, carried out User Acceptance Testing (UAT), collaborated with client to resolve issues in application and initiated Cloud Upgrades successfully keeping the data intact.

ioCare, Pune, India - *Application Developer Intern*   Oct. 2016 – July 2017
- Developed an android application (IOT) using Android Studio for controlling A/C appliances remotely through Raspberry Pi, integrated into a wireless switchboard that worked on master-slave mechanism for its operation.

PROJECTS COMPLETED

- **Credit Risk Data:** *Predicting loan sanctions* – Loan Approval prediction (80-95% accuracy) using Python Regression Analysis.
- **Spotify Music Data:** *Predicting the popular and least popular songs* - Performed data analysis using K-Means, K-Nearest Neighbor, Random Forest, XG Boost, Decision Trees and Logistic Regression algorithms in python (highest accuracy of 80%).
- **Educational Data:** *Predicting the placement rates of students* - Performed text analysis to compare industry requirements with course curriculum, developed dashboard in tableau to display data combinations and predictions about student placement ratios.
- **Corona Virus Data:** *Predicting the Deaths, Infections and Recoveries using Real Time Data* - Performed data analysis using K-Means, KNN, Logistic Regression algorithms and implemented a high level dashboard showing the patient demographics.
- **Image Classification:** *Image classifier using CNN* - Developed image classifier using CNN, keras and tensorflow in python.

ACCOMPLISHMENTS IN MASTERS PROGRAM

- Recipient of **Best Performance Award** in **Predictive Analytics Course** at Northeastern University, Boston.
- Served as **Teaching Assistant** for **Data Mining Course** which involved guiding students on data analysis project work.