

SHIVANI ADSAR

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SUMMARY

Business Analyst with over 3 years of work experience in data analysis and converting data into insights for driving business decisions. Experienced in Data Warehousing, Analytics, Data Visualization, Data Mining and Predictive Analytics.

EDUCATION

Northeastern University, Boston, MA, USA

Sept 2019 – July 2021

Master of Science, Analytics (Concentration: Statistical Modeling), GPA: 3.91/4.0

Coursework: Business Intelligence, Predictive Analytics, Data Mining, Data Visualization, Artificial Intelligence, Big Data

Pune University, Pune, India

June 2013 – July 2017

Bachelor of Engineering, Computer Science, GPA: 3.67/4.0

TECHNICAL SKILLS

Programming Languages: Python, R, SAS, Java, Perl, C++, XML, MATLAB, VBA, Scala

Analytical Tools: Qlik Sense, Tableau, MS Excel, Power BI, Oracle ERP Cloud, Splunk, Hadoop (Hive, Impala, Spark), Salesforce, Cloudera, Azure, Databricks, OTBI, Domo, Looker, Anaconda, Alteryx, Google Analytics

Other Tools: Git, Jira, Confluence, Microsoft Office, Insightly, Lucidchart, Notion, Microsoft Visio

Database Systems: MySQL, MS SQL server, Oracle db (Toad), PostgreSQL, MongoDB

Machine Learning Models: Regression Analysis, Naïve Bayes, Random Forest, XGBoost, SVM, K-Means, Hypothesis Testing

Functional Skills: Database Management, Communication, Risk Analytics, Agile, Leadership, Data Analysis

Certifications and Licenses: Oracle Certified Cloud Implementation Specialist

PROFESSIONAL EXPERIENCE

Business Analytics Associate Intern | Iterative Scopes Inc. | Boston, MA, USA

July 2020 – April 2021

- Developed reports and dashboards using SQL queries on patient video data, EHR and annotation data for cancer detection
- Led and controlled project activities within team of 20 interns using JIRA for executing data analysis on clinical data
- Implemented dashboards on CRM data workflows using Insightly software to enable targeting potential contracts by the company
- Worked closely with the VP to develop data value-chain dashboard that displayed costs and returns associated with clinical data for department through market research on genomics data
- Collaborated with team to develop dashboards in Splunk for analyzing annotation resources and inter-rater rates by providing statistics which increased effectiveness by 30%
- Performed data analysis using R on clinical EMR data and implemented intuitive data insights using Tableau to contribute analytics for machine learning team
- Executed statistical analysis using hypothesis testing, on patient data to provide critical data correlations

Data Analyst | GFI Informatique India Private Limited | Pune, India

Feb 2018 – June 2019

- Developed dashboards, reports and alerts using Oracle Transactional Business Intelligence, enabling clients to access data findings efficiently through Oracle Cloud (SAAS) application which raised productivity by 45%
- Performed data migration from spreadsheets to Oracle Cloud using Spreadsheet Data Loader and SQL which improved data accessibility by 20% for clients
- Integrated data between Oracle E-Business Suite and Oracle Cloud application by performing Extraction, Transformation and Loading (ETL) integration which accelerated data retrieval by 40% for the team
- Executed business workflows within ERP application using Oracle fast formulas and SQL, carried out User Acceptance Testing (UAT) for providing data solutions to clients
- Implemented and documented data functionalities using Sandboxes to display required features on application for team

Application Developer Intern | ioCare | Pune, India

Oct 2016 – July 2017

- Developed android application using Android Studio and Internet of Things 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

311 Service Request Analysis: Analyzed big data variables using SQL queries for developing reports and data visuals in Databricks which provided effective customer service to residents

Credit Risk Analysis: Analyzed financial data attributes using KNN, K-means, Decision Trees and regression analysis in Python to predict loan sanctions with accuracy of 92%

Spotify Music Analysis: Performed data analysis and sentiment analysis to predict popularity of songs using text mining, K-Means, KNN, Random Forest, XG Boost, Decision Trees and Logistic Regression algorithms in Python with accuracy of 85%

ACHIEVEMENTS 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