

VISHAL SHAILESH PAWAR

908-613-2737 | vishal.pawar@rutgers.edu | [LinkedIn Vishal Pawar](#) | [Portfolio Website](#) | New Jersey

EDUCATION

- RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY [CGPA: 4.0/4.0 *Currently Ongoing] 2023-2024**
Master of Information Technology and Analytics (Specialization in Data Science and Machine Learning)
- **Relevant Coursework:** Advanced Database management, Business Forecasting, Data mining, Data visualization, Algorithmic Machine Learning, Multivariate Analysis, Neural Network, Business Analytical Programming.
 - **Projects:**
 - Restaurant rating and Bank Customer churn prediction using classification and clustering techniques: **KNN, Logistic Regression, SVM, Random Forest, Decision Tree, K-means, DBSCAN, Hierarchical Clustering, Neural Networks, Association rule mining (improved accuracy from 60 to 85 on an average).**
 - Development and application of Database functionalities for Brazilian E-commerce data using **MYSQL** and **integration to Tableau** for visualization.
 - Prediction of gold price on **R** using **Forecasting** techniques (**Holtwinters, ARIMA, Naïve Bayes** and **Decomposition**).
 - **On campus experience:** Video Editing and content writing for **WCARS** (Accounting, Auditing, and Information systems department) YouTube channel
- NMIMS MPSTME UNIVERSITY- Mumbai, India 2015-2019**
Bachelor of Technology, Electronics and Telecommunication Engineering- GPA: 3.04
- **Projects:** 1) MATLAB based Steganography and cryptography; 2) Implementation of Technology: Brain tumor detection & classification of tumor type implementation on MATLAB

EXPERIENCE

- MANEK CONSULTING- Senior Business Intelligence Developer & Team Lead – Mumbai, India May 2022 – July 2023**
- Experienced in Business intelligence technologies like Tableau, Qlikview and QlikSense.
 - Developed queries with ORACLE and PL/SQL to insert, update, delete and unit (data) testing.
 - Optimized BI applications **by shrinking file size by 70%**; Developed **monitoring applications** which **saved server resources and cost**.
 - Performed end to end automation of Business reports & KPIs to **save over 50% of the analysis implementation time**.
 - Admin solutions provided: data reload scheduling, installation, and upgradation of QlikSense software, implementation of load balancing and failover server candidate, allotment of user access and rights, optimized data pipelining on Qlik.
 - Collaborated with financial institutions for reporting on Loans Module, Recovery, Credit Risk Management etc.
- ICON RESOURCES - Business intelligence Consultant- Mumbai, India July 2019 – May 2022**
- Managed projects on BI tools like Qlikview, QlikSense, Power BI, Qlik – Nprinting.
 - Responsible for managing project requirements such as requirement gathering, maintaining, and executing SDLC, documentation and develop optimized applications.
 - Developed incremental load for Data Extraction process- **reduced reload time from 4 hours to 15 minutes**.
 - Devised and implemented **flexible data model utilizing logics** to handle all the permutation and combinations of employee scenarios (e.g., attendance regularization, leaves etc.).
 - Developed **date bridge data model** to enable filtering and operation on multiple date types in business report.
 - Developed **Qlik Nprinting application** to automate reports to employees across multiple conglomerates.
 - Developed **REST API based OData Queries** to extract data from cloud SAP data source.
 - Admin Experience on QlikSense: Scheduling tasks, publishing applications and import export, Monitoring and assigning License, Creating Multi node Deployment and Qlik Set up on server, monitoring and configuring logs, importing extensions, adding Macros.
 - Clients: Volkswagen, Lupin Pharmaceuticals, Emcure Pharmaceuticals, Renault, Aditya Auto.
 - Data sources worked with: SAP Success Factors, SAP HANA, Oracle, SAP HCM etc.

AWARDS

- Best performance award for developing good client relations with Volkswagen.
- Best performance award for developing incremental load and reducing reload time from 4 hours to 15 minutes using REST API

TECHNICAL SKILLS

- **Database:** SQL, MySQL, PostgreSQL, Relational Databases, Database Schema Design, Database Queries, AWS
- **Languages:** Python (Jupyter Notebook, pandas, numpy, matplotlib), R (caret, ggplot, dplyr), C++, Java,
- **BI Tools:** Tableau (Charts, Dashboards, Data Prep), Qlik (QlikSense, Qlikview & Qlik Nprinting), Power BI
- **Others:** Advanced Excel (Lookups, Powerpivots, Slicers, Macros), ETL, OLAP database models,
- **Statistical Modeling:** Regression, Cross-Validation, Hypothesis Testing, Classification, Support Vector Machines etc.