

NAME RAKESH KUMAR YADAV

Mobile: +91-9015411663  
Email: yadavrakesh896@gmail.com

PROFILE SUMMARY

- Around 4 years of experience in development and support of software applications in Telecom Hardware and software domain using Tableau & R technology Stack.
- Track record of providing solutions to client’s requirements using state-of-the-art practices.
- A keen communicator with honed interpersonal, problem solving and negotiation abilities.

Area of Expertise:-

- Statistical analysis concepts: hypothesis testing, Correlation, Regression Analysis, Clustering Techniques, Association, Classification, forecasting modeling etc.
- Data Analysis using R & Python, Excel.
- Predictive Modelling using machine learning algorithms: Linear Regression, Logistic Regression, Decision Tree, Random Forest, Naïve Bayes, KNN and clustering in both R and Python for Supervised data.
- Advance Excel, MS office, Tableau dashboard Visualization
- Audit automation using R. (Already delivered 3 projects using this concept).
- RF Optimization skills on LTE/ Volte & CDMA Technologies.
- Experience in Planning and Optimization of different wireless technology 2G/3G/4G.

Technical Competencies/ skills:-

- Statistical Analytical concepts using R: Hypothesis Testing, Correlation, Regression Analysis, Clustering Techniques, Association, Classification etc.
- Descriptive and Prescriptive Analysis using Excel and R.
- Predictive analysis using R.
- Forecasting Models.(ARIMA Forecasting Models)
- Time Series Analysis and Trend Prediction.
- Automation using R.
- Working on several python libraries like NumPy, Pandas, Scikit-learn.

Tools Knowledge:

- **Analytical Tool:** R, Excel and Python & SAS (Started Learning).
- **Visualization Tool:** Tableau, R, Excel.
- **Programming:** R, Pythan
- **Hypothesis Testing**
- **Statistics & Exploratory Data Analysis**

Work Experience:

- **Project 1:-**

Duration <Months)	Project Name	Description
9	Nokia Solution and Network (Vodafone- Idea consolidation)	<ul style="list-style-type: none"><li>• Audit automation using R and VBA.</li><li>• Descriptive Analysis and Prescriptive analysis for almost 100individual cases. And providing action plans for the same.</li><li>• Daily fetching of OSS Report From NetAct (ND report) &amp; analysis of KPI and Identify the worthe cell , make action plan to resolve.</li></ul>

- **Project 2:-**

Duration<Months)	Project Name	Description
27	Reliance Jio Infocom (KPI Analyser based on Drive Test Tuning)	<ul style="list-style-type: none"><li>• Audit automat on using R and VBA.</li><li>• Layer 3 analysis for LTE and VoLTE technology.</li><li>• Network KPI analysis</li><li>• Cluster report submission for 40 clusters after improving cluster performance.</li><li>• Preparing Dashboard &amp; analysis poor KPI which are impacted on Network performance on this project.</li></ul>

• **Project 3:-**

Duration (Months)	Project Name	Description
9	Accord Synergy Pvt Ltd (RF Engineer/DT Optimization Engineer)	<ul style="list-style-type: none"><li>Monitoring call drops during drive test.</li><li>Monitoring ACME Testing (Call testing) using XcaL (4.3.9 Version)</li><li>Descript ve Analysis and Prescript ve analysis for almost 200individual cases.And providing action nplans for the same.</li><li>Less Drive Optimization.</li><li>Descriptive Analysis and Prescriptive analysis for</li><li>Almost 6individual cases/per day. And providing act on plans for the same.</li></ul>

- **Project 4:-** Nokia: Time Series Analysis for Ericson using R. (Using ARMA modelling) This forecasting model can predict future KPI's
- **Project 5:-** Property Price Prediction using Linear Regression in R Worked upon project to predict the Property Price Prediction using Linear Regression in R
- **Project 6:-** Predict Wine Quality with Decision Tree Worked upon project to predict the Wine Quality with Decision Tree
- **Project 7:-**Time Series Forecasting and predicting the furniture sales using ARIMA. s
- **Project 8:-** Worked upon project to predict the Wine Quality with Decision Tree, Model-ARIMA Model; Understand Time Series Data, Visualizing Time Series Components, and Exponential Smoothing.
- **Project 9:-** Real Estate Price Prediction using Linear Regression +Logistic Regression Worked upon project to predict Real Estate Price Prediction using Linear Regression +Logistic Regression.
- **Project 10:-** Identifying good and bad customers for granting credit+K-Nearest Neighbor

**Professional Qualifications/ Education:**

- Completed Data Science Certificate from Imarticus Learning certified from Genpact. A comprehensive 6-month program taught by Industry experts and faculty; 14 case studies & projects; 400+ hours of academic learning & 30+ hours of industry mentoring Consistently scored >80th percentile on all projects for data management, statistics and predictive analytics courses (Jan 2020)
- Completed M-Tech in Digital communication RGTU Bhopal with 8.5 CGPA (2013-15)
- Completed B.E. in Electronics & Communication with 72.5% (2009-13)
- 12 DGHSS Katni,62.8% (2008-09)
- 10 MP Board,Bichua,72.5% (2006-07)

**Professional Trainings & Certifications:**

- ‘Data Science Program’ conducted by Imarticus Learning. (2019-20)
- Certified as excellence award from Nokia solution & Network Association LTE. (2019-20)
- International Journal of Scientific Research in Science, Engineering and Technology (Ref : IJSRSET/Certificate/Volume 4/Issue 8/4827) (2018-19)

**Personal Information:**

- DOB: 04/07/1990

**Declaration:**

I hereby declare that the information furnished above is true to the best of my knowledge.