

# RISHI RAJ

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GitHub: github.com/R-r632/Data-Analysis-Project

Jamshedpur, Jharkhand

## EDUCATION

Bachelor of Technology – Mechanical Engineering	CGPA
Birla Institute of Technology, Mesra	8.42 / 10.0
2021 - Present	Ranchi, Jharkhand
Class 12 (Intermediate)	Percentage
D.A.V. Public School, Bistupur	90.0 / 100
2018 - 2020	Jamshedpur, Jharkhand
Class 10 (Matriculation)	Percentage
Tarapore School	87.0 / 100
2006 - 2018	Jamshedpur, Jharkhand

## SKILLS

C++	Python	MySQL	PostgreSQL	MS-Excel
R-Programming Language		Machine Learning		MS-Power BI
Problem Solving		Analytical Thinking		Data Analysis

## PROJECTS

### Loan Eligibility Status Prediction

- Skills: Problem Solving, Analytical Thinking, Data Visualization
- Technical Expertise: MS-Excel, SQL, Python, Machine Learning, MS-Power BI
- Collected and preprocessed a dataset of previous loan applicants.
  - Utilized data visualization techniques to gain insights into the datasets.
  - Implemented various machine learning algorithms to predict loan eligibility.
  - Trained a predictive model on the training set to learn patterns within dataset.
  - Developed a user-friendly GUI application to streamline the loan approval process.
  - Developed interactive dashboards using Power BI to provide real-time insights.

### John's Company Sales Analysis

- Skills: Problem Solving, Analytical Thinking, Data Visualization
- Technical Expertise: MS-Excel, SQL, MS-Power BI
- Conducted in-depth analysis of sales data to uncover valuable insights.
  - Developed a comprehensive understanding of the company's sales landscape.
  - Key Metrics to assess overall business health and identify areas for improvement.
  - Comprehensive analysis to pinpoint the key factors influencing sales performance.
  - Created visually appealing and informative data visualizations in Excel Sheets.
  - Developed interactive dashboards using Power BI to provide real-time insights.
  - Consolidated each analysis and reports into a clear and concise format.

## INTERNSHIP

### Engineering Intern

Tata Steel

05/2024 - 06/2024

Jamshedpur, Jharkhand

- Project:** Increase the Reliability of Braking Pinch Roll Assembly in New Bar Mill.
- Conducted a comprehensive study of the Braking Pinch Roll working principles.
  - Problems are measured from NBM delay database of the department.
  - Concentrated on the Braking Pinch Roll Assemblies to ensure maximum impact.
  - Breaking the problems down into smaller and manageable pieces.
  - Successfully identified and analyzed the underlying causes of reliability problems.
  - Proposed and implemented effective solutions to address the identified root causes.
  - Consolidated each solutions and reports into a clear and concise format.



## LANGUAGES

English	●●●●●	Hindi	●●●●●
Proficient		Native	
Italian	●●●●●		
Beginner			

## CERTIFICATION

- Data Analyst Skillpath: Zero to Hero in Excel, SQL & Python
- Udemy
- Data Science: Supervised Machine Learning in Python
- Udemy
- Complete Introduction to Business Data Analysis
- Udemy

## EXTRA CURRICULAR ACTIVITIES

-  **Cricket**
- Passionate about cricket since childhood, I have honed my skills as an all-rounder. Participated in numerous matches in inter-house school tournaments and consistently contributed to my team's success.
-  **Swimming**
- Recently joined the JRD Swimming Club to enhance my swimming abilities. Actively practicing essential strokes including underwater, breaststroke, butterfly, and freestyle.