

# 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 - PresentRanchi, Jharkhand	
Class 12 (Intermediate)	Percentage
D.A.V. Public School, Bistupur	90.0 / 100
2018 - 2020Jamshedpur, Jharkhand	
Class 10 (Matriculation)	Percentage
Tarapore School	87.0 / 100
2005 - 2018Jamshedpur, Jharkhand	

## SKILLS

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

## PROJECTS

Loan Eligibility Status Prediction

Skills: Problem Solving, Analytical Thinking, Data Visualization

Technical Expertise: Python, SQL, 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 - 06/2024Jamshedpur, 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.
- 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.
- Developed interactive dashboards using Power BI to provide real-time insights.
- Consolidated each solutions and reports into a clear and concise format.

## LANGUAGES

English		Hindi	
Proficient		Native	

## EXTRA CURRICULAR ACTIVITIES

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