

# RISHIKESH DOUND

## CONTACT DETAILS

 7020023256

 LinkedIn

 Portfolio Website

 Mail

 Git-hub

 Pune

## SUMMARY

A skilled data enthusiast with a BE in Artificial Intelligence and Data Science Engineering, driven by a passion for Machine Learning, Data Analysis, and proficient in Python and SQL. Seeking opportunities to enhance skills and gain practical experience in dynamic roles. Eager to make a significant contribution and advance professionally in the field of data science.

## EDUCATION

<b>BE , Artificial Intelligence and Data Science   8.16 CGPA</b>	[2020-2024]
AISSMS-IOIT Pune, Sppu	
<b>PG-Big-Data Analytics (CDAC)   76%</b>	[Sep-Jan 25']
<b>Class XII (CBSE)   78%</b> Army Public School Kirkee	[2020]
<b>Class X (CBSE)   91%</b> Army Public School Kirkee	[2018]

## KEY PROJECTS

### Switch Fault Daignosis in 3-Phase VSI

- Utilized **ML & pattern recognition approach** to detect **switch faults** in **voltage source inverters (VSI)** from current signals, used to identify real-time switch faults, eliminating scheduled-based maintenance, thus **reducing downtime by 20–30%**.

### Cab Fare Prediction System

- Developed a cab fare prediction system using **PySpark, AWS Glue, and SageMaker**, achieving **91% accuracy**. **Deployed Streamlit app** for real-time fare estimation based on **live trip distance, time, and location**, improving pricing transparency.

### Question Generator and Answer Validator Using LLM

- Developed an NLP-based web app using Streamlit and Llama LLM to generate topic-specific questions and validate user answers.

### Sentiment Classification: A Comparative DL Architecture Study

- Compared—**ANN, CNN, and LSTM**—to highlight LSTM's superior performance in handling sequential text data, achieving **~85%** accuracy

## WORK EXPERIENCE

### NoQs-Digital (Data Analyst Intern )

Jan 2023 - Apr 2023

- Data Visualization & Optimization:** Created and transformed **Power BI** dashboards by refining data models, performing **data cleaning and transformation**, reducing extraction time by 25%, and boosting functionality by 20% for faster, data-driven decision-making.
- Advanced Analytics and Predictive Modeling:** Applied advanced statistical methods and machine learning techniques to create predictive models and Power BI dashboards, enhancing business decisions and increasing profit by 8%.

## ADDITIONAL INFORMATION

- Technical Stack:** Python, SQL , **Data Science (ML, DL, NLP)**, Data Analytics, AWS, Git, Big Data
- Languages:** English, Hindi , Marathi
- Certifications:** Google Data Analytics , Oracle academy,
- Big-Data Analytics (CDAC) [Sep-Jan 25']**
- Extracurricular Activities:** Pune Plogger's Volunteer, Football Player, held various tech and non-tech positions in college committees.