

# Abdulabin Lahaji

## Data Scientist

I am a self-driven Data Analyst with a strong analytical mindset and an unwavering commitment to delivering precision and consistently achieving high-quality results. My organizational skills and dedication enable me to efficiently tackle complex data analysis tasks. I am genuinely passionate about collaborating with a forward-thinking organization, where I can actively contribute to its success while further refining my skills and knowledge under the guidance of dedicated and experienced leaders.



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## EDUCATION

### Bachelors Of Engineering

Sinhgad Collage of Engineering - Pune

2020-2023,

First Class with Distinction

### Diploma

Government Polytechnic - Jintur

2017-2020,

First Class with Distinction

### Secondary School Certificate (SSC)

Jawahar Vidyalaya - Jintur

2017,

First Class with Distinction

## PROJECTS

### 1) Developing an Automated OCR System for Marathi-Language PDF Data Extraction.

- Achieved an 84% reduction in data extraction costs (from ₹5 to ₹0.80 per page) by implementing a cost-effective solution utilizing Azure Form Recognizer for automated table extraction from Marathi-language PDFs.
- Contributed to cost savings for businesses by providing an efficient and affordable alternative for extracting Marathi-language data from PDFs

### 2) Reinforcement Learning in Self-Driving Cars.

- Trained the self-driving car to autonomously learn the optimal route and make real-time decisions to avoid accidents, showcasing a deep understanding of RL principles and their application in complex scenarios.
- RL agent attaining a maximum reward of 880 out of 900, demonstrating the effectiveness of the model in surpassing predefined performance benchmarks.

### 3) Exploratory Data Analysis and Visualization of Indian State Highway Accident Data published on September 2023.

- Performed Data Analysis and Data Visualization.
- Contributed to evidence-based policymaking by providing the Indian government with crucial data for the development and implementation of effective road safety measures.
- Informed the public about high-risk regions and accident causative factors, fostering informed travel choices and heightened road safety awareness.

### 4) Creating a ML Model for Bank Customer Churn Prediction.

- In this project I used multiple ML algorithms to predict if a customer will leave the bank or not (0 or 1).
- Performed Data Analysis and Data Visualization.
- XGBoost Classifier have achieved highest accuracy among all models i.e. 91.1%.

## SKILLS

Python

MS Excel

Azure

Deep Learning

Data Analysis

Exploratory Data Analysis

SQL

Machine Learning

Power BI

Data Visualization

Git & Git Hub

## INTERPERSONAL

Leadership

Time Management

Self - Motivated

Problem Solver

## CERTIFICATE

### Machine Learning (AI Analyst).

STTP from 17 Aug 2022 to 30 Dec 2022

Offered by Symbiosis Skills and Professional University

### Supervised Machine Learning.

Powered by Coursera

### Advanced Learning Algorithms

Powered by Coursera

### Data Analyst Skill path.

Offered by Udemy - Star tech Academy.

### The Ultimate MySQL Crash Course 2023.

Offered by Udemy - Web Coding.

## LANGUAGE

English

Professional Working Proficiency

Hindi

Elementary Proficiency

Marathi

Limited Working Proficiency