

## CONTACT

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## EDUCATION

- GUVI  
IIT-M Advanced programming  
Professional & master data  
Science -2024  
85 %
- ANNA UNIVERSITY  
B.E Electronics and Communication  
Engineering  
87.5 %

## RELEVANT COURSES

- Python For Data Science And Machine Learning
- Probability And Statistics For Business And Data Science
- The Complete Sql Boot camp

## SKILLS

- Python - Pandas, Numpy, Scikit-learn
- Machine learning
- Deep learning
- Artificial Intelligence
- NLP
- PostgreSQL
- MongoDB (basics)
- Visualization: PowerBI(basics), Tableau(basics), Matplotlib, Seaborn, Plotly

## NILOFER MUBEEN

DATA SCIENTIST

### SUMMARY

Passionate Data Science enthusiast, skilled in data analysis, statistical modeling, and machine learning. Proficient in python, with hands-on experience in data manipulation, cleaning, and visualization. Strong problem-solving abilities and a passion for extracting actionable insights from complex datasets.

### PROJECTS

#### AI-Powered Text to PyMongo Query Generator

- Developed an automated data query and retrieval system using large language models (LLMs) to dynamically generate mongodb queries from user inputs.
- Managed csv data by designing python scripts to load data into a mongodb database, with each row stored as a separate document.
- Integrated an LLM to allow users to interact with the database through natural language, enabling seamless data querying and retrieval.
- **Tools:** *Pandas, Streamlit, Langchain\_groq, Pymongo*

<https://github.com/nilofermubeen/AI-Powered-Text-to-PyMongo-Query-Generator/tree/main>

#### Smart connect AI - Cold-Email-Generator

- Designed an AI-driven tool tailored for service companies that automates cold email generation by extracting job listings from career pages. Generates personalized emails with curated portfolio links based on specific job descriptions.
- **Tools:** *Groq, LangChain, Streamlit, Vector Database(Chromadb)*

[https://github.com/nilofermubeen/SmartConnect-AI\\_Cold\\_email\\_generator](https://github.com/nilofermubeen/SmartConnect-AI_Cold_email_generator)

#### Smart Banking System

- The primary aim of the project is to develop an intelligent banking application that integrates standard banking operations with personalized financial analysis. The application offers features such as user registration, balance inquiry, fund transfers, transaction history, and spending analysis.
- **Skills :** *Python, PostGreSQL, Streamlit*

[https://github.com/NiloferMubeen/Banking\\_Simulation\\_system](https://github.com/NiloferMubeen/Banking_Simulation_system)

#### CarDekho Used Car Price Prediction

- The primary aim of this project is to develop a robust data science model capable of accurately predicting the prices of used cars. This will be achieved by analyzing various features including the car model, age, mileage, kilometers driven, engine displacement, and other relevant factors.
- **Skills :** *Pandas, Numpy, Feature importance, Regression algorithms, Hyper Parameter tuning, PowerBI*
- The culmination of the project involved deploying the model via a Streamlit application, ensuring accessibility for users to utilize its predictive capabilities.

[https://github.com/nilofermubeen/project8---car\\_price\\_prediction-carsdekho-](https://github.com/nilofermubeen/project8---car_price_prediction-carsdekho-)