

# ABHAY A

## DATA SCIENTIST

+91 8139082885

<https://www.linkedin.com/in/abhay-a-814709244/>

[abhayani177@gmail.com](mailto:abhayani177@gmail.com)

<https://github.com/ABHAY1937>

Kochi, Kerala

<https://public.tableau.com/app/profile/abhay1937>

### SKILLS

Machine Learning  
Natural Language Processing (NLP)  
Python programming  
EDA (Pandas,NumPy,Seaborn)  
Tableau, PowerBI  
Big Data  
(Hadoop,Pig,Scoop,Hive,MySQL)  
Problem-solving skill  
Adaptability skill  
Communication  
Deep Learning (AI)

### EDUCATION

#### BIG-DATA DATA SCIENCE

Luminar Technolab Kakkanad,Kochi  
2023

#### BACHELORS IN CHEMISTRY

SD College, Alappuzha  
2019 - 2022

#### HIGHER SECONDARY EDUCATION

GHSS Bhoothakkulam, Kollam  
2017 - 2019

### RELEVANT COURSES

Introduction to Data Analytics  
Power BI Virtual Case Experience  
Data Science with Python  
Data Analytics and Visualization Virtual Experience

### LANGUAGES

- ENGLISH
- MALAYALAM
- TAMIL

### PROFILE

As a data science enthusiast, I have been dedicating myself to learning the latest tools and techniques for over a year. I am seeking a challenging role as a Data Scientist, where I can apply my skills to solve complex problems and make impactful decisions. I am excited to leverage my skills and knowledge as a data scientist to help organizations make informed decisions, drive growth, and achieve success.

### PROJECTS

#### U.S. WIND TURBINE DATABASE (USGS) CLASSIFICATION

Conducted a project utilizing the U.S. Wind Turbine Database (USGS), applying data filtering techniques in Excel to streamline the dataset. Employed machine learning methods, starting with k-means clustering to optimize results, followed by evaluating various classification algorithms. Achieved notable accuracy rates, including SVM (99.25%), KNN (98.94%), and decision tree (100%). Implemented a random forest classifier with an accuracy of 72.39%. Demonstrated proficiency in data filtering, machine learning, and model evaluation for effective analysis.

[https://github.com/ABHAY1937/PYTHON-machine-LEARNING-PROJECT/blob/main/U\\_S\\_Wind\\_Turbine\\_Database\\_\(USGS\).ipynb](https://github.com/ABHAY1937/PYTHON-machine-LEARNING-PROJECT/blob/main/U_S_Wind_Turbine_Database_(USGS).ipynb)

#### RETRIEVAL LEARNING CHATBOT (NLP)

Advanced natural language processing (NLP) model designed to assist in information retrieval and learning tasks. By leveraging state-of-the-art techniques, it enables users to interact with the model using conversational queries, helping them find relevant information quickly and efficiently. The model's ability to understand and respond to user queries in a conversational manner contributes to improved accessibility and knowledge acquisition for individuals across various domains. Its deployment has the potential to enhance educational experiences, provide accurate information, and empower users to make informed decisions, making it a valuable asset for society.

[https://github.com/ABHAY1937/NLP/blob/main/Retrieval\\_Learning\\_Bot\\_NLP\\_demo.ipynb](https://github.com/ABHAY1937/NLP/blob/main/Retrieval_Learning_Bot_NLP_demo.ipynb)

#### STOCK MARKET ANALYSIS

Analyzing the stock market with a focus on Google. I successfully collected the stock price data by utilizing the yfinance API from Yahoo Finance, allowing me to perform in-depth analysis and gain insights into Google's stock performance.

[https://github.com/ABHAY1937/PYTHON-machine-LEARNING-PROJECT/blob/main/STOCK\\_MARKET\\_ANALYSIS.ipynb](https://github.com/ABHAY1937/PYTHON-machine-LEARNING-PROJECT/blob/main/STOCK_MARKET_ANALYSIS.ipynb)