

Phone No.: 8530220195

RAHUL BARKADE

Email : barkaderahul14399@gmail.com

Github : <https://github.com/barkaderahul14399>

Linkdin : <https://www.linkedin.com/in/rahul-barkade-405461226/>

Data Scientist

Objectives

Results-Driven Data scientist with Proven Expertise in Analyzing Complex Datasets, Implementing Creative Solutions, and Translating Findings into Actionable Strategies. Eagerly Seeking a Dynamic and Challenging Role that Fosters Continuous Learning, Encourages Innovation, and Offers Opportunities to Contribute Skills for Impactful Decision-Making and Business Success.

TECHNICAL SKILLS

- **Tools:** Python, Jupiter Notebook, , Tableau, Visual Studio,Eclips,Arduino,Spyder
- **Packages:** Pandas, Sklearn, NumPy, Matplotlib, Seaborn,Selenium, Keras, Tensorflow, OpenCV, NLTK, SQL(basic),BeautifulSoup,Flask,Dash,Plotly.LLM
- **Algorithms:** Linear Regression, Multi-Linear Regression, Logistic Regression,Isolation forest Decision Tree, K-nearest neighbors, Clustering, Apriori,Adaboost, Artificial Intelligence, Recurrent Neural Networks, Convolutional Neural Networks,NLP,Textblob,elasticsearch,

KEY SKILLS

- Machine Learning, Data Analysis,Web scrapping, Data Visualization, Model Development and Quantitative Analysis,AWS,Shell Scripting

TECHNICAL SUMMARY

- Effectively performed exploratory data analysis (EDA) and data visualization techniques on various combination of variables.
- Handled missing data values and outliers within a data set by using various data preprocessing techniques.
- Built various machine learning (Regression and Classification) models based upon the output variable and compare accuracy of different models for the same problem.
- Worked on Neural Networks on text datasets and used activation functions, optimizers, auto encoding and other techniques to achieve best accuracy and statistics based on the Regression or classification problems.
- Scraping data using selenium,scrapy,beautifulsoup etc.
- Extensive knowledge on different types of data preprocessing techniques like: StandardScaler, MinMaxScaler
- Knowledge on preprocessing of text data using tokenizer, Stemming, Lemmatization etc in NLP pipeline.
- Worked on various projects on Advanced Regression techniques including regularization using Ridge and Lasso

EXPERIENCE :

Organization	Futurism Technologies Pvt. Ltd.
Duration	Aug 2022 – Till.
Position	Data Scientist Trainee
Location	Futurism Technologies Pvt. Ltd. Futurism House, Survey No. 105, Mumbai-Bengaluru Bypass Highway, Baner, Pune – 411045
Roles and Responsibilities	Provide Data analytics for IOT applications

To Store Sensors data to the mysql Database
 To Make insights from data
 To create dashboard for visualization
 To develop ML models to enhance performance of e-commerce website
 To handle AI related problems for different module like AI search, Autocomplete,
 Top selling products, related products, similar products etc,
 To Write a shell scripts for model deployment

Organization	ETLhive
Duration	Jan 2021 – Aug 2022
Position	Data scientist intern
Location	Haware Grand Heritage, opp. Ambience hotel, near kalewadi phata, Wakad, Pimpri-Chinchwad, Maharashtra 411057
Roles and Responsibilities	Making inferences from datasets and highlighting the lagging points

PROJECTS

Dmart data collection (web scraping)

- Scrape data from Dmart reddy website and insert it into our database for supporting the product pricing module which update prices for product everyday .
- Used selenium for handling event of changing pincode and updating prices accordingly to area
- Used Xpath for clicking on hyperlinks
- Used Css selector for selecting particular attributes and divisions
- Inserted scraped data to mysql database
- Scheduled cronjob which will run the same script every day on a fixed time

Smart Home (IOT)

Ac lights automation and automatic plant watering system

- Prediction based on data get through sensors, trained model on existing data
- Developed API which will triggers the next actions..
- Created virtual environments and deployed model for continuous running.
- Performed EDA to make insights from sensors data
- Integrated Twillio for messaging (alerting) the owner in critical situation

BTMining visualization (Tableau)

Visualization of each and every equipment and assigned task too it its position and everything aou a single equipment as well as personnel in a mine

- Used tableau prep for cleaning the data required for sheets
- Worked on semi-structured data mongoDB .
- Handled time zone related issues for live visualization
- Created different charts for visualization like bubble chart, dognut chart pie charts, bar charts
- Trend line charts for displaying weekly progress
- Applied various filters on a data to select particular data like date ,city, machine etc.
- Created a calculated fields for not available data but we having related data
- Designed a dashboard which will display all important sheets and info
- Integrated dashboard with client website

Chatbot (Natural language processing)

- Performed Natural language understanding
- Cleaning of the text -stemming, lemmatization, stop words removal etc.
- Created base roots for intents
- Trained model on intents and its patterns
- Created multilingual function for chatting in multiple languages (according to user language)
- Fetching values from database whenever required and presented in a chat
- Used openAI API for handling exception cases

EDUCATION

(SPPU) Pune University

MCA

1st class with distinction
(76.40)

June 2021 - august-2023
Pune,Maharashtra

(SPPU) Pune University

BBA(CA)

(1st Class With Distinction
(83.12%)

June 2018 – May 2021
Pune, Maharashtra

(State Board) HSC

Science

1st Class (68.46%)

June 2017-March 2018
Pune, Maharashtra

(State Board) SSC

1st Class with Distinction
(91.00%)

June 2015- March 2016
Satara, Maharashtra

CERTIFICATION

Data Science & Machine Learning | ETLhive |
Python Basic to Advance |Talent Battle |

PERSONAL DETAILS

Full Name : Mr. Rahul Balu Barkade
Date of Birth : 14 Mar. 1999
Personal E-mail : barkaderahul14399@gmail.com
Languages known : English, Hindi, Marathi.
Address : A./P.-Wadaki, Tal. Haveli, Dist.-Pune.
Current Location : Hinjewadi, Pune.

I hereby declare whatever information given above is true to my knowledge.

Rahul Barkade
8530220195

Signature