

Lokesh Avlasia

7 months of experience in Natural Language Processing and Data Engineering Tasks like Data extraction, Data wrangling, PDF Parsing, and Storing Data in the MongoDB database.

Contacts



899, Dwarkapuri, Indore
Madhya Pradesh, 452009



DOB: 21 Aug, 2000



lokeshav21@gmail.com



<https://github.com/Lokesh-Avlasia>



(+91) 7415346107

Skills

- Python
- Pandas
- SQL
- Numpy
- Scikit Learn
- TensorFlow
- Data Wrangling
- Natural Language Processing
- Regular Expression
- Data Engineering
- Machine Learning
- Flask API
- MongoDB
- Web Scrapping
- PDF parsing
- Excel
- Problem-Solving

Education

- Completed Bachelor of Engineering from Medi-Caps University, Indore with specialization in Computer Science (2019-2023) (8.54 CGPA)
- Senior Secondary School Certificate (10+2) from Central Board of Secondary Education with 71.8 % in the year 2018.

Language




- English
- हिंदी

Work Experience

Data Scientist Associate at BlackCoffer | 02/2023 – 08/2023

- Listening to client requirements and providing data-driven solution
- **Analysis of Financial Statements** | 05/2023 – 08/2023
 - Building a pipeline to perform **Information extraction on documents** using **Python and NLP techniques**.
 - Preprocessing on unstructured data obtained from PDF.
 - Extracting data from Excel Sheets and organizing and mapping complex data using Python.
 - Storing the data in the **MongoDB database**.
 - Creating **Flask APIs**:
 - To Provide the Data Dynamically to the Front-End team.
 - To Implement Authentication and Authorization.
 - Skills and tools used for the project:
 - Python | Pandas | Regular Expressions | Logical Reasoning | Flask API
- **Product Recommendation System** | 02/2023 – 04/2023
 - Preprocessing and Mapping data of Digital Products and their features.
 - Leveraged state-of-the-art **Clustering algorithm** to proficiently cluster preprocessed data.
 - Developed a **Flask-based API** to facilitate seamless product delivery and enhance user experience.
 - Skills and tools used for the project:
 - Python | Pandas | Scikit Learn | Machine Learning | Flask API | SQL

Projects

- **Climate Data Analysis of Indore City** 
 - Utilized Web scraping tool (BS4) to extract climate data from websites.
 - Conducted data preprocessing to consolidate monthly and yearly data.
 - Conducted comprehensive analysis of climate data, encompassing all relevant climate variables.
- **Laptop Price Prediction** 
 - Developed a pipeline integrating a Machine learning algorithm for precise prediction of laptop price based on a comprehensive set of features.
- **SMS Spam Detection** 
 - Utilized Natural Language Processing and machine learning techniques to proficiently identify and filter spam messages, addressing a widespread mobile communication issue.

Research Experience

- Published Research paper in UGC journal (Phalanx) with the title:
Climate Data Analysis of Swatch-City India-Indore using Statistical Methods. 