Kamal Singh

Associate Data Scientist

To seek a challenging position and strategic importance in the corporate environment by contributing to the organization to the best of my abilities and to sharpen my skills in the due course.

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🔳 kamal2511.github.io/   in linkedin.com/in/kamalsingh25

🔘 github.com/Kamal2511

WORK EXPERIENCE

Associate Data Scientist
Episource India Pvt Limited

07/2022 - 10/2022   *Chennai, India*
Episource *is a leading provider of risk adjustment services, software, and solutions for health plans and medical groups.*

Achievements/Tasks
- Managing the ROI result based on prior data of the clients.
- Creating ROI Automation using PySpark AWS (EMR).
- Various Data Analysis using Python Pandas and Pyspark.

Data Science Intern
Episource India Pvt Limited

01/2022 - 07/2022   *Chennai, India*
Episource *is a leading provider of risk adjustment services, software, and solutions for health plans and medical groups.*

Achievements/Tasks
- Creating a user-defined Python library to calculate ROI.
- Various Data Analysis using Python Pandas.

EDUCATION

Msc. Computer Science (Big Data Analytics)
Central University of Rajasthan

10/2020 - 07/2022   *8.0 CGPA*
Courses
- Machine Leaning
- Probability & Statistics
- Database Management
- Linear Algebra

BSc. Hons. Computer Science
Doon University, Dehradun

08/2017 - 08/2020   *7.61 CGPA*
Courses
- Data Structure
- Database Management
- Algorithms
- Programming Languages

SKILLS

Python   SQL   Pyspark   Panda   Numpy
Matplotlib   Seaborn   Plotly   scikit-learn
Machine Learning   Data Analysis   Excel   HTML
CSS   Github   AWS (EMR, Lambda, S3)
AWS (Glue, Athena)

PERSONAL PROJECTS

Olympics Analysis
- Analysis of 120 Years of Summer Olympics by Medal tally, Overall Analysis, Country-wise Analysis and Athletes-wise Analysis
- Olympic analysis deploys using Streamlit on Heroku platform
- Tools :- Python, Pandas, Numpy, Plotly, Streamlit, Heruko
- Project Link, Github Link

Movie Recommender System
- Build end-to-end model to identify the movie recommender system using Machine Learning.
- Tools :- Python, Pandas, Numpy, scikit-learn, Count Vectorizer, NLTK, Cosine Similarity, Streamlit, HTML, CSS, Heroku
- Project Link, Github Link

Flight Fare Prediction
- Build end-to-end model to identify the flight fare prediction using Machine Learning.
- Tools :- Python, Pandas, Numpy, Matplotlib, scikit-learn, One-hot Encoding, Random Forest Regressor, Hyperparameter Tuning, Randomized Search CV, Flask, HTML, CSS, Heroku
- Project Link, Github Link

CERTIFICATES

Machine Learning with Python
IBM (Coursera - Certificate*)*

SQL for Data Science
University of California, Davis (Coursera - Certificate*)*

IBM Data Science
IBM (Coursera - Certificate*)*

LANGUAGES

English
Native or Bilingual Proficiency

Hindi
Native or Bilingual Proficiency