

Akesh Kumar

data scientst

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SUMMARY

Highly motivated Data Scientist with experience in data cleaning, analysis, and machine learning. Proven ability to leverage Python, SQL, and advanced analytics techniques to extract insights and develop impactful solutions. Adept at data visualization and communication for clear presentation to stakeholders. Eager to contribute to data-driven projects in a collaborative environment.

SKILLS

Programming Languages & tools Python, SQL, NumPy, Pandas, SciPy, Matplotlib, Seaborn

Data Analysis and Visualization Data Manipulation, Dashboards & Reports (Tableau, Power BI), Statistical Analysis

Machine Learning Supervised & Unsupervised Learning, NLP, A.I. Models

Mathematics & Statistics Linear Algebra, Statistical Modeling, Hypothesis Testing

Deployment & Frameworks Flask, Streamlit, DVC, Mlflow, GitHub, HTML, CSS

Other Data Modeling, Databases, A/B Testing, Problem Solving, Critical Thinking, Strong Work Ethic

EXPERIENCE

Data Science Intern | LearnVista | Aug 2023 - Present

- **Medical Charges Estimation** (Link): Predicted medical charges using advanced data analytics and regression algorithms. Analyzed trends and impact factors (e.g., smoking status).
- **Thyroid Cancer Recurrence Prediction** (Link): Unraveled patterns to predict recurrence using real-world data, contributing valuable insights for patient risk assessment.
- **Research on Employee Attrition** (Link): Predicted & Identified causes (low salary, no apprication & hike) of attrition.

PROJECTS

Final Year Project (BCA) - Mission Earth - "The Awareness Project" [Link](#)

- Collaborative effort combating animal cruelty.
- Lead the dynamic team of five.
- Conducted comprehensive research, utilized effective methodologies for data collection and valuable insights, translated findings into an interactive and impactful project website.
- Demonstrated teamwork, collaboration, research, data science project management, and problem-solving skills.

Electronics Recommendation System [Link](#)

- Developed and deployed a machine learning model for data recommendation system using NLP techniques
- Improved data quality through cleaning and preprocessing, ensuring smooth operation.
- Reduced deployment file size by 99% using Batch/Offline Learning technique.

WhatsApp Chats to Pandas Dataframes [Link](#)

- Created Module in Python which is able to convert WhatsApp Chats (Individual/Group) to Pandas DataFrame.

EDUCATION

Bachelor of Computer Applications (BCA) | HPU Shimla | Aug 2020 - Aug 2023)

High School, Economics & Mathematics, HPBOSE | Mar,2019 - Mar,2020

AWARDS

Discussion EXPERT with Two Gold and Four Silver Medals at Kaggle

Notebook and Datasets CONTRIBUTOR with 4 and 2 Bronze medals.

CERTIFICATIONS

Data Science Artificial Intelligence Certification

VOLUNTEERING

Caregiver, Civil Hospital - Sujanpur | 2022

Jan '01