

AYUSHMAN DASH

Data Science intern
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LINKS

[\[Github\]](#) [\[LinkedIn\]](#)

SUMMARY

Experienced data scientist proficient in statistical and analytical problem-solving. Skilled in all stages of data science projects, including Data Mining, EDA, Feature Engineering, Statistical Modeling, AI/ML integration, and result presentation. Adept at leveraging machine learning techniques such as regression, classification, clustering, Bayesian algorithms, matrix factorization, and graphical models to advance ML-based technology solutions.

EMPLOYMENT HISTORY

Data science intern , ExcelR, Bengaluru

06/2023 – 01/2024

- Proficient in programming languages such as Python and R, with experience in data manipulation and visualization.
- Familiar with machine learning techniques and algorithms, including regression, classification, and clustering.
- Experience in working with large datasets and databases, using SQL to extract relevant information for analysis.
- Strong analytical skills with the ability to interpret complex data and provide actionable insights.
- Dedicated problem-solver who is eager to learn new skills and contribute to the development of innovative solutions.

PROJECTS

global development measurement - Cluster Analysis (11/2023)

<https://github.com/dashayus/global-development-measurement>

- This project involves conducting **cluster** analysis on a global development measurement dataset containing vital economic and development metrics for countries worldwide.
- The objective is to implement various clustering models, perform a comparative analysis, and deploy the clustering application using platforms like Streamlet or Flask. The end goal is to derive meaningful insights from the data, facilitating a more nuanced understanding of global development patterns.

Hotel Rating Classification – NLP (12/2023)

<https://github.com/dashayus/Analysis-of-Hotel-Reviews-main>

- Implemented a Natural Language Processing (NLP) model for hotel rating classification, analyzing 20,000 reviews to discern positive and negative sentiments.
- Utilized a machine learning approach to identify key attributes influencing traveler experiences. Deployed the model using Streamlet/Flask/Heroku, delivering actionable insights for hotel managers to enhance brand image and customer satisfaction.

Road Accident Analytics Dashboard (Excel)

- **Description:** Designed an Excel-based dashboard to analyze road accidents in 2021 and 2022 showcasing trends, casualty data, and factors contributing to accidents.
- **Metrics:** Identified 417,883 total casualties, with the highest casualties by car (79.8%).
- **Methods:** Conducted data cleaning, applied statistical analysis, and created interactive visuals for insights.
- **Key Insights:** Highlighted significant patterns in road types and conditions, enabling informed road safety decision.
- **Impact:** Increased awareness and engagement with road safety issues among stakeholders through visualized data.

SKILLS

- **Statistics and Machine Learning skills:** Hypothesis Testing, Linear, Non-linear and Logistic Regression, Visualizations, Random Forest, Deep Learning, NLP, Recommender Systems.
- **Database :** EC2, SQL Server , MYSQL, PostgreSQL
- **Language** - C++ , Python, JavaScript, HTML ,CSS .
- **Visualization:** R-ggplot2, Python-Matplotlib, Seaborn, Tableau, Power-Bi
- **Modeling:** Machine learning (regression, classification, clustering), categorical data analysis, time series analysis, sampling, ANOVA analysis, dimension reduction, model selection.
- **Other:** Ms Word, Excel, MS Access , AWS Solution Architect

EDUCATION

B.TECH IN COMPUTER SCIENCE, GIET University , Gunupur,Odisha

08/2019 - 05/2023

INTERMEDIATE IN SCIENCE, Vedic College of science , Sambalpur,Odisha

08/2017 - 05/2019

MATRICULATION, Saraswati Shishu Vidya Mandir,, Jharsuguda , Odisha

06/2008 - 05/2017

CERTIFICATES

Data Science Certification. (August 2023 – January 2024) [\[Link\]](#)

Power BI Dashboard Developer Workshop [\[Link\]](#)

Machine Learning With Python [\[Link\]](#)

Demystify AI and OpenVINO™ Toolkit Intel [\[Link\]](#)

Workshop on Data Structures Coding Blocks [\[Link\]](#)

HOBBIES

- learning
- writing
- Playing basketball
- Photography
- Boxing

LANGUAGES

Odia, Hindi, English