

DHIRENDRA SINGH

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EDUCATION

- **IPS Academy Institute Of Engineering And Science, Indore, Madhya Pradesh** 2021 - 2025
B-Tech in Computer Science Engineering with Data Science Specialization CGPA = 6.91
- **DAV Public School, Kusmunda** 2020 - 2021
Intermediate/+2, CBSE, Chhattisgarh GRADE = 77.60 %
- **DAV Public School, Kusmunda** 2018 - 2019
High School/10th, CBSE, Chhattisgarh GRADE = 83.80 %

INTERNSHIP/TRAINING

- **Codenscious Technologies Pvt Ltd, Indore, MP** May 2023– June 2023
Data Science Internship / On-Campus
 - Enhanced expertise in Data Science by attending on-campus workshops on “Data Science from Scratch,” gaining hands-on experience with foundational concepts and practical applications.
 - Developed an ML Model using Logistic Regression to predict survival rates from the Titanic disaster, achieving 83% accuracy by analyzing critical factors like passenger class, gender, and age. Conducted in-depth data analysis, identifying key survival determinants, and presented findings at an internal workshop, earning recognition for actionable insights.
- **CSRBOX and IBM Skill build Summer Internship Program** June 2024– Aug 2024
Data Analytics Intern
 - Worked with Teammates and prepared a Power Bi Dashboard project
 - On the topic Road Accident Analysis in India as a final submission project.
 - Completed IBM Certified Data Fundamentals learning plans.

PROJECTS

- **DailyDharma: [A Obesity Predicting Health Webapp]** [Link](#)
Tools: [Python, EDA, Machine Learning, Google Collab, Streamlit] [\[G\]](#)
 - Developed an ML model prediction system using Decision Tree Algorithms to determine the obesity level of an adult person by analyzing BMI and daily habits. Fetched datasets from Kaggle and a local audience via a daily habits survey to ensure diverse and accurate data inputs.
 - Created a Streamlit-based web app to provide an interactive platform for users to predict their obesity level and understand influencing factors, achieving accurate results through data-driven analysis and a well-defined obesity score scale
- **Road Accident Analysis in India: [A PowerBI Dashboard]** [Link](#)
Tools: [Python, Excel, Power BI, Google Collab] [\[G\]](#)
 - Developed an interactive Power BI dashboard to analyze Indian accident data (2014-2017), identifying trends, high-risk areas, and primary causes of accidents. Datasets were sourced from Kaggle, WHO's road traffic injury data, government statistics, and manual entries for comprehensive analysis.
 - Utilized Python and Excel for data cleaning, analysis, and visualization, enabling accurate insights. Proposed data-driven solutions to enhance road safety and support effective policymaking through actionable recommendations.

SKILLS

- **Programming Languages:** Python, Python Libraries, Java, SQL
- **Data Science & Machine Learning:** Data Wrangling, EDA, Feature Engineering, Model Training model Deployment
- **Database Systems & Cloud :** SQL, AWS
- **Mathematics For Data Science** Statistics, Linear Algebra, Calculus, Probability
- **Other Tools & Technologies:** Excel, Google Docs, Power Point, Canva
- **Interest:** Data Analytics, Data Science, Business analytics, Data visualization, Data Engineering, Dev Ops

CERTIFICATES & COURSES

- **Certified by IBM: Data Fundamentals** July 2024
- **Certified by AWS Academy AWS Academy Cloud Foundations** July 2024
- **Grow Data Skills Data Engineering with AWS Course** Ongoing
- **Apna College : JAVA and DSA Course** Ongoing