

# Ashish Jayswal

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## EDUCATION –

RGPV University Bhopal Madhya Pradesh  
Bachelor In Mechanical Engineering

July 2017 – June 2021

## SKILLS –

- Python
- Advanced Excel
- Data Visualization
- Data Cleaning
- Data Mining
- Deep Learning
- Power BI, Tableau
- Big Data
- Regression Analysis
- AWS Architecture
- Python Libraries – NumPy, Pandas, Matplotlib, Seaborn.
- Machine Learning
- TensorFlow
- DataBase (SQL/MySQL)

## EXPERIENCE –

### Data Science Trainer -Universal Informatics, Indore M.P.

July 2024 - Present

- - Develop customized training modules tailored to the skill level and requirements of participants.
- - Stay updated with the latest trends and advancements in data science to incorporate into training sessions.
- - Evaluate participant progress through assessments and assignments to ensure learning outcomes are met.

### Data Science Trainer -Veridical Technologies, New Delhi

January 2024 – June 2024

- - Develop customized training modules tailored to the skill level and requirements of participants.
- - Utilize cutting-edge tools and platforms for interactive learning experiences.
- - Stay updated with the latest trends and advancements in data science to incorporate into training sessions.
- - Evaluate participant progress through assessments and assignments to ensure learning outcomes are met.
- - Offer ongoing support and resources to facilitate continued learning beyond the training program.
- - Continuously evaluate and improve training materials and methodologies based on participant feedback and industry developments.

### Data Analyst Cum IT Trainer – JSMIES DDUGKY, Bhopal

Oct. 2022 – Dec. 2023

- - Developed and executed programs to seamlessly integrate and streamline data from various user departments into the analytics platform, ensuring data accuracy and completeness.

- - Identified, analyzed, and interpreted intricate trends and patterns within complex datasets, extracting actionable insights to drive informed decision-making.
- - Crafted intuitive and visually compelling reports, dashboards, and visualizations to effectively convey key findings and trends to stakeholders at all levels of the organization.
- - Leveraged quantitative models such as regression analysis and time series forecasting to generate predictive insights and address specific business challenges.
- - Spearheaded the management and optimization of the reporting environment, overseeing data sources, infrastructure, and security protocols to ensure optimal performance and reliability.

### **Machine Learning Trainee - JSMIES DDUGKY, Bhopal**

Jan. 2022 – Sept. 2022

- - Collaborated with cross-functional teams to identify business problems suitable for machine learning solutions.
- - Conducted thorough data preprocessing, including data cleaning, feature engineering, and normalization, to prepare datasets for machine learning model training.
- - Evaluated and selected appropriate machine learning algorithms based on the characteristics of the problem and the available data.
- - Fine-tuned model hyperparameters using techniques such as grid search and randomized search to optimize model performance.
- - Implemented model evaluation techniques such as cross-validation, ROC curves, and confusion matrices to assess model accuracy and generalization.
- - Documented the entire machine learning pipeline, including data preprocessing steps, model selection criteria, and deployment strategies, to facilitate knowledge sharing and reproducibility.

## **PROJECTS –**

### **Sales Forecasting Dashboard –**

**January 2025**

- Developed a Power BI dashboard to visualize sales trends and forecast future sales using historical data.
- Integrated multiple data sources to provide a comprehensive view of sales performance.
- Utilized advanced analytics techniques to improve the accuracy of sales forecasts, including time series analysis and machine learning algorithms.

### **Credit Card Fraud Detection –**

**February 2025**

- Developed a Credit Card Fraud Detection system using machine learning algorithms to detect fraudulent transactions effectively.
- Integrated multiple data sources, including transaction records, customer profiles, and transaction metadata, to enhance fraud detection capabilities.
- Implemented advanced anomaly detection techniques and ensemble learning models to improve the accuracy and efficiency of fraud detection.
- Conducted comprehensive data preprocessing and feature engineering to optimize model performance and robustness.

### **Road Lan Line Detector –**

**December 2024**

- Developed a robust road lane line detector using computer vision and image processing techniques, enhancing driver assistance systems' capability to accurately identify and track lane markings in real-time.
- Implemented algorithms for edge detection, lane localization, and lane fitting, optimizing performance for varying road conditions and environments.

- Contributed to improving vehicle safety and autonomy by providing critical input for lane-keeping assistance, lane departure warning, and autonomous navigation systems.
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## CERTIFICATIONS –

- Python Programming for every Body.
- SQL For Data Science
- Crush Course on Python.
- Data Analysis with Python IBM.