

# ASHISH HALIJOL

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## PROFILE

Proficient in building machine learning models, creating insightful data visualizations, reporting, and dashboarding. Strong foundation in Computer Science Engineering with hands-on experience in SQL, Excel, Power BI, and Tableau. Skilled in extracting actionable insights through data analysis, with strong analytical thinking, problem-solving capabilities, and a proactive learning mindset.

## TECHNICAL SKILLS

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|--------------------|------------------|----------------------|--------|
| • Power BI         | • Advanced Excel | • Data Modeling      | • Java |
| • Power BI Service | • SQL            | • Data Visualization | • HTML |
| • Power Query      | • Tableau        | • Data Cleaning      |        |
| • DAX              | • Python         | • Data Storytelling  |        |

## PROJECTS

### B.E (Computer) Final year Project

#### A DAO (Decentralized Autonomous Organization) to coordination within nations using blockchain and AI.

Designed and developed a decentralized organization to promote global cooperation, where nations contribute equally via cryptocurrencies (e.g. Ethereum, USDT) in exchange for governance tokens. Implemented a reward-penalty mechanism where profits are distributed through strategic liquidation, and bonuses are issued based on positive national metrics (health, happiness, economy). Token invalidation is enforced for unethical actions (e.g., terrorism, invasions).

#### Key Technologies:

- **Algorithms:** Sentiment Analysis (NLP), Convolutional Neural Networks (CNN), Long Short-Term Memory (LSTM), Consensus Algorithm
- **Blockchain :** ethereum – for secure transaction recording
- **Database:** MongoDB – for user authentication

### Zomato Restaurant Analysis | Power BI | [Link](#)

- Analyzed data from 9,551 restaurants across 15+ countries, revealing an average rating of 2.6/5 and average cost of ₹1.2K. Built interactive Power BI reports using Power Query, DAX, and visual charts to assess global trends and restaurant performance.

### Credit Card Complaints Dashboard | Tableau | [Link](#)

- Developed an interactive Tableau dashboard to visualize and analyze over 86,000 credit card complaints data across the U.S. Key features included trend analysis, state-wise heatmap, company response distribution, top complaint categories, and submission channels. Incorporated filters for year, company, and state, along with export options (PDF/PPT). Achieved clear insights into response timeliness (98.9% closed rate) and major complaint drivers (e.g., billing disputes, identity theft).

### Loan Eligibility Prediction | Machine Learning | [Link](#)

- *Python, Scikit-learn, Logistic Regression, ROC AUC*  
Developed a classification model to predict loan eligibility based on applicant data. Performed data cleaning, EDA, and model building using logistic regression. Evaluated accuracy and ROC-AUC scores, and interpreted model results with confusion matrix and classification report.

## EXPERIENCE

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### 1. Integrated Active Monitoring Pvt Ltd (IAM), Pune

*April 2025 – Present*

- Built dynamic dashboards using **Grafana** and **Metabase**, crafted complex **PostgreSQL** queries, and automated Excel reports to enable real-time performance tracking and streamline business reporting processes.
- Leveraged **Python** for data preprocessing and automation, designed custom **Metabase Questions**, and collaborated with cross-functional teams to ensure data accuracy and deliver actionable insights.

### 2. LetsGrowMore · Hybrid

*December 2021 – January 2022*

- Developed and deployed machine learning models for regression and classification tasks using **Python**, **Pandas**, and **Scikit-learn**, including data preprocessing, model training, and evaluation on real-world datasets.
- Performed **exploratory data analysis (EDA)** and feature engineering, and presented project results through clear visualizations and performance metrics, gaining hands-on experience in the end-to-end ML lifecycle.

## EDUCATION

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- |   |        |
|---|--------|
| • B.E(Computer Engineering, SPPU)       | 79.00% |
| • 12 <sup>th</sup> (Higher – Secondary) | 61.54% |

## CERTIFICATES

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|-----------|-----------------------------|--------------------|
| 1. Python | 2.Data Science using python | 3.Advance Excel    |
| 4.SQL     | 5.Power BI                  | 6.Machine learning |

## COURSES

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SQL, [I.T. Vedant]	10/2024
Power BI, [I.T. Vedant]	11/2024
Advance Excel, [I.T. Vedant]	09/2024
python, [I.T. Vedant]	12/2024
Data Analysis with Python [IBM]	01/2024
Machine Learning[IBM]	01/2024

## DELCLARATION

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I hereby declare that all the information mentioned above is true and complete to the best of my knowledge and belief

