

# Vipul Yadav

Delhi, India

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## PROJECTS

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- **Credit Card Fraud Detection using ML**
  - Developed a fraud detection model for credit card transactions by utilising a dataset containing 285K transaction records
  - Reduced the amount of money lost to fraudulent transactions by 80%, by choosing the right set of parameters for the model based on historical data
- **Lumessa Sales and Profitability Analysis (2020-23)**
  - Analysed sales and profit data of a beauty products brands, between 2020 and 2023, consisting of 50K records
  - Recommended change in discounting strategy to increase average order value in Africa, higher discount for corporate segment and increasing prices across few categories to boost profit margin
  - Designed a dashboard using Tableau to visualise trends in sales, profit, and profit margin across categories, subcategories, markets and segments.

## EDUCATION

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**Jawaharlal Nehru University**

**July, 2022**

*Masters in Economics*

*Delhi*

- **CGPA: 6.5/9**
- GATE 2022 (XH-Economics) All India Rank 1

**Visvesvaraya National Institute of Technology (VNIT)**

**June, 2017**

*B.Tech in Mechanical Engineering*

*Nagpur, Maharashtra*

- **CGPA: 9.61/10**
- Academic Excellence Prize

## SKILLS & INTERESTS

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- **Skills:** Machine Learning, Data Visualisation, Database, Version Control
- **Software:** Python, Pandas, Numpy, Scikit-Learn, Matplotlib, Seaborn, Tensorflow DecisionForests, Streamlit; Tableau, MS Excel; MySQL; Git, Github; STATA, Jupyter Notebook, VSCode, LaTeX
- **Interests:** Touring on motorcycle, Always on the lookout for a personal knowledge organisation software - currently stuck with Notion

## OTHER EXPERIENCE

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**Bajaj Auto Ltd.**

**July 2017 – August 2018**

*Research and Development Department*

*Senior Engineer*

*Pune, Maharashtra*