



# Mr. Gaurav Pandey

## Data Analyst

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### 📄 PROFESSIONAL SUMMARY

Data Analyst with a background in Computer Science, currently advancing through a Master's in Data Science. Experienced in converting intricate financial and operational data into concise, actionable insights. Proficient in Python, Machine Learning, and Excel, with practical skills in dashboard creation, ML model development, statistical analysis, ad-hoc financial reporting, and aiding strategic decisions via data-driven approaches.

### 🧠 SKILLS

#### Data Structure

List | Stack | Queue

#### Programming Languages

Python | SQL

#### CRM

iSmartRecruit

#### Techniques

EDA | Regression | NLP | Model  
Evaluation | Data Cleaning | Data  
Pipelines | Data Modeling |  
Dashboard Maintenance

#### Tools

Excel | Google Sheets | Power Bi |  
GitHub | Docker | Notion | Slack |  
Colab | Jupyter | Metabase | Keyword  
Analyzer

#### Libraries

Numpy | Pandas | scikit-learn |  
Seaborn | Matplotlib

### 📁 WORK HISTORY

05/2023 – 07/2024

Kalyan, India

#### Data Analyst

Nakshatra Skill Development Campus Pvt. Ltd.

- **Improved lead qualification accuracy by 25%** by analyzing data from Meta Ads, cold call feedback, and landing pages.
- **Implemented city-wise performance dashboards** using Python and Excel, accelerating regional decision-making by **30%**.
- **Enhanced lead engagement by 20%** by optimizing targeting strategies with the marketing team, gained hands-on experience with **Meta Ads** and **iSmartRecruit CRM**.
- **Increased client satisfaction by 15%** by delivering actionable insights, creating **ad-hoc reports**, and supporting budgeting through custom Excel dashboards.

11/2022 – 01/2023

Thane, India

#### Intern

TCS iON

- **Built an NLP-based sentiment analysis pipeline** to classify customer feedback as **positive, negative, or neutral**, achieving **~85% model accuracy**.
- Applied **NLTK to preprocess 10k+** entries (tokenization, stemming, stopword removal) and leveraged **TF-IDF** and **Word2Vec** for **feature extraction**.
- Improved customer insight by testing multiple classifiers on **10K+ feedback** records and identifying sentiment via **WordCloud** analysis.
- Delivered **remote project updates and insights** through **10+ analytical reports and virtual presentations**, strengthening **communication and collaboration skills**.

### 🎓 EDUCATION

10/2024 – 11/2026

Berlin, Germany

#### Master's Degree | Data Science

Berliner Hochschule für Technik (BHT)

07/2021 – 06/2023

Mumbai, India

#### Master's Degree | Artificial Intelligence

Mumbai University

08/2018 – 05/2021

Mumbai, India

#### Bachelor's Degree | Computer Science

Mumbai University

## SELECTED PROJECTS

07/2025

### **Laptop Price Prediction**

EDA | Data Cleaning | Data Preprocessing | ML Model | ANN

- Engineered a regression model using SVR (Tuned) and Linear Regression, achieving an  $R^2$  score of 90% on SVR Tuned Model.
- Analyzed 8000+ laptop records through EDA to uncover key pricing drivers like processor, RAM, and GPU.
- Optimized features via encoding, log transformation, and correlation filtering, improving model accuracy by 15%.
- Streamlined the workflow using Python scripts for data cleaning, modeling, and evaluation, enhancing code reusability.

05/2025

### **Movie Recommendation System**

Python | NLP | Feature Engineering | Jupyter Notebook | Presentation

- Created a hybrid movie recommendation system using TMDB 5000 dataset, combining content-based and collaborative filtering.
- Performed feature engineering on genres, cast, and keywords; vectorized using CountVectorizer.
- Implemented cosine similarity to recommend top movies based on user preferences.
- Developed reusable data pipeline and visualized insights using Wordcloud and Seaborn.

04/2025

### **AutoPortfolio AI**

LLM | Flask | PDF Parsing | Prompt Engineering


- Developed a Flask-based web app to extract resume skills and generate LLM-powered coverletters.
- Used LLaMA 3 via OpenRouter to identify skill gaps and suggest project ideas from jobdescription.
- Handled PDF parsing, prompt logic, and multi-step form flow with plans for session-basedstate handling.
- Enabled resume-job skill matching using LLM intelligence.

## CERTIFICATIONS

### **Data Science Job Simulation on Forage British Airways**

Web Scrapping | EDA | Presentation | scikit-learn

### **TATA Group: Empowering Business with Effective Insights using MS**

**Power BI**   
Power BI

### **Data Visualization with Power BI**

EDA | Power BI

## LANGUAGES

English



Hindi



Marathi



German



## ORGANISATIONS

Kalyan, India

### **Robinhood Army**

Helping Hands

- Volunteered with Robin Hood Army to distribute 1,500+ burgers (sponsored by Jumbo King) to support needy individuals during the COVID-19 pandemic.

Mumbai, India

### **Sea Cadet Corps**

Ordinary Cadet

- Completed a four-year Sea Cadet Corps training program, developing nautical skills and demonstrating discipline, confidence, strong character, practical skills, and leadership.

## AVAILABILITY

Immediately available to join your organization as a working student/ intern.

## DECLARATION

I hereby declare that the information provided in this resume is accurate and complete to the best of my knowledge and belief.