

AASHI GUPTA

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EDUCATION

Bachelor of Technology

Vellore Institute of Technology

Computer Science and Engineering (spec. Gaming Technology)

2022-2026

SKILLS

Programming Languages: Python, Java, SQL

Frameworks and Tools: Tableau, Power BI, MS Excel

Related Coursework: Computer Vision, Programming in Python, Database Management System, Fundamentals of AI and ML

PROJECTS

1. BeautifulSoup-Based Wikipedia Table Scraper

Jupyter Notebook

- Scraped and extracted a complete Wikipedia table using Python (Requests + BeautifulSoup), collecting 500+ data cells and converting them into a structured pandas DataFrame.
- Cleaned and transformed the scraped dataset by dynamically parsing 7+ column headers and standardizing all rows for analysis-ready formatting.
- Exported the final dataset as a fully structured CSV file to support downstream data analysis and reporting workflows.

2. Tableau-Based Data Dashboard & Insights Project

Tableau, CSV

- Cleaned and transformed a raw dataset of 10k+ rows to build an analysis-ready data model, improving data consistency and reducing manual prep time by 50%.
- Conducted exploratory data analysis across 5+ key performance metrics, uncovering trends and patterns that shaped the dashboard structure and insights.
- Designed an interactive Tableau dashboard with 10+ visual elements and dynamic filters, enabling stakeholders to analyze performance metrics and reduce reporting time by 40%.

3. Retail Data Analytics Project:

Python, SQL, Power BI

- Cleaned and transformed raw datasets using SQL to build a structured, analysis-ready data pipeline, improving data consistency and enabling faster insight generation.
- Performed exploratory data analysis (EDA) to uncover key trends, patterns, and anomalies, producing a set of actionable insights aligned with product and growth-focused decision making.
- Designed an interactive BI dashboard to communicate findings clearly to non-technical stakeholders, summarizing KPIs and enabling quick data-driven decisions for business and marketing teams.

Extracurricular Activities

- Game Jams with Indian Game Developer's Society (IGDS):** Spearheaded the organization of multiple game jams, attracting 100+ participants from diverse domains in collaboration with the Indian Game Developer's Society (IGDS).
- Industrial Conclave 2024 – VIT Bhopal:** Coordinated Industrial Conclave 2024 at VIT Bhopal by streamlining registrations, managing event flow, and facilitating industry expert engagement
- Game Forge 2.0 – 48-Hour Game Jam & Game Museum (in affiliation with IGDS):** Successfully organized three game jams in partnership with IGDS at the college level.
- GamieCon:** Led and hosted *GamieCon* at VIT Bhopal, coordinating with industry experts, alumni mentors, and student teams to deliver pitching, mentorship, and jury presentations

Certifications

- Acquiring Data by Accenture:** Acquired knowledge of data handling and basic analytics

- Python for Data Analytics:** Attended a 5 day bootcamp by CodingWise to brush up my python analytical skills

Leadership Roles

Virtual reality and gaming Club

Lead (Educational Team)

Bhopal, MP

Oct 2023 – Present