

PRIYANKA GHADAGE

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PROFESSIONAL SUMMARY

Detail-oriented Data Science and Software Development professional with hands-on experience in data collection, cleaning, advanced analytics, machine learning, Generative AI, and Natural Language Processing (NLP). Expert in leveraging Python, SQL, Power BI, and Django Framework to extract actionable business insights from complex datasets and map unstructured requests into structured workflows. Proven track record of automating operational tracking dashboards, developing scalable backend APIs, deploying AI-driven solutions to optimize business intelligence frameworks, and collaborating using version control (Git/GitHub) to deliver scalable, data-driven business solutions.

TECHNICAL SKILLS

Languages:	Python, SQL, Java, JavaScript, HTML5, CSS3
AI / ML / NLP:	Machine Learning, Deep Learning, Generative AI, Natural Language Processing (NLP), LLMs (Gemma, Llama), Stable Diffusion, Scikit-Learn, Transformers (Hugging Face), PyTorch, Zero-Shot Classification
Frameworks & Libs:	Django Framework, REST APIs, Pandas, NumPy, Matplotlib, Gradio, Pillow, Bootstrap
BI & Analytics:	Power BI, Tableau, Advanced Excel (Pivot Tables, VLOOKUP), Data Visualization, Exploratory Data Analysis (EDA), Data Modeling, Statistical Frameworks, KPI Tracking, Reporting
Databases:	MySQL, PostgreSQL
Tools & DevOps:	Git, GitHub, VS Code, Jupyter Notebook, Hugging Face Hub, Power BI Desktop, Cloud Deployment basics

PROFESSIONAL EXPERIENCE

Data Analyst Intern — Apana Time Tech Solutions	Jul 2025 – Oct 2025 Gorakhpur, UP
- Cleaned, transformed, and validated large-scale structured and unstructured datasets using Python and MySQL, improving data integrity, reporting pipelines, and processing accuracy by 15%. - Designed, automated, and optimized interactive Power BI dashboards to track core business performance metrics, operational trends, and deliver localized executive insights. - Performed comprehensive Exploratory Data Analysis (EDA) and established statistical evaluation frameworks (central tendency, skewness, dispersion, kurtosis) to translate data findings into concrete business insights using Python and Excel.	
Software Developer Intern — Elite Softwares	Dec 2024 – May 2025 Wakad, Pune
- Engineered scalable backend application modules using Django Framework integrated with secure MySQL databases and optimized RESTful APIs for business tracking tools. - Developed responsive, interactive data viewing frontends utilizing HTML, CSS, JavaScript, and Bootstrap architectures to streamline platform navigation and reporting views. - Managed source code repositories and version control utilizing Git and GitHub; successfully supported team cloud deployments and optimized frontend-backend API communications.	

KEY PROJECTS

AI-Powered Generative AI Chatbot

Hugging Face, PyTorch, NLP, GitHub

- Leveraged Large Language Models (LLMs) including Google Gemma-2-2b and Meta Llama-2-7b-chat-hf using Hugging Face Transformers to develop a context-aware conversational agent for natural language business queries.
- Maintained code repositories natively on GitHub, ensuring seamless tracking of model iterations and prompt engineering updates.

Gen AI Data Analysis Assistant

Python, Transformers, Zero-Shot Classification

- Built an intent detection and text classification pipeline utilizing deep learning architectures (including facebook/bart-large-mnli model) to map unstructured user business prompts directly into automated data analysis workflows.

AI Image Captioning Tool

BLIP Model, Deep Learning, Vision-to-Language

- Developed an end-to-end computer vision tool utilizing Hugging Face BLIP transformers to analyze image features via deep learning architectures and automatically generate descriptive textual tags.

Gen AI Language Translator & Image Generator

Stable Diffusion, Gradio, M2M100, Diffusers

- Created a multilingual translator application powered by the facebook/M2M100-1.2B deep learning model featuring a clean, interactive Gradio interface.
- Integrated a Stable Diffusion text-to-image application using the Diffusers library to turn natural language prompts into high-fidelity image outputs.

Freelancer HouseWife Portal & Image Applications

Django, MySQL, JavaScript, Gradio, Stable Diffusion

- Designed and launched a full-stack job platform with secure user authentication, role separation, and optimized database queries; hosted the project open-source on GitHub.
- Integrated vision-to-language modeling tools and text-to-image generation (Stable Diffusion) for intuitive UX assets.

Multi-View College Performance & Business Insights Dashboard

Power BI, SQL, Python, Data Modeling

- Synthesized multi-layered datasets encompassing over 200+ student and teacher institutional tracking records to build structural performance views across departments with tailored interactive toggle features and performance metric evaluations.
- Conducted advanced statistical metric evaluations (central tendency, skewness, kurtosis, and dispersion) across datasets using Python and SQL to uncover operational variance, trends, and data correlations.

COURSES & CERTIFICATIONS

- **Data Analytics** – NIIT Foundation (Credentialed): Focused on professional data cleaning, reporting, advanced metrics extraction, and automated workflow analytics.
- **Data Analytics, Data Science, and Machine Learning** – Udemy (Credentialed): Comprehensive curriculum covering exploratory data analysis (EDA), statistical modeling, business intelligence frameworks, and predictive modeling algorithms.

EDUCATION

M.Sc. in Computer Science — Annasaheb Magar College

Jul 2023 – Jun 2025 | Hadapsar, Pune

Graduated with a Cumulative GPA of 8.36 / 10.00

B.Sc. in Computer Science — SVPM College

Jun 2020 – Jun 2023 | Baramati, Pune

Graduated with a Cumulative GPA of 8.78 / 10.00