

# Nishant Dhiman

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## Summary

Data Analyst with expertise in Python, SQL, and Power BI. Skilled in data visualization, machine learning and transforming complex datasets into actionable business insights.

## Technical Skills

**Languages :** Python, SQL, C, HTML, CSS

**Data Visualization :** Power BI, Matplotlib, Seaborn

**Libraries & Frameworks :** NumPy, Pandas, Scikit-learn, TensorFlow, Keras, PyTorch

**Database & Tools :** MySQL, Excel, Git, Jupyter Notebook, Anaconda

**AI/ML :** Natural Language Processing, RAG systems, MLOps, Whisper

## Experience

### Unified Mentor Pvt. Ltd., Gurugram

Nov 2025 - Present

#### Data Science Intern

- Undergoing structured training in Data Science and Analytics, followed by performing EDA, data cleaning, and analysis on real-world datasets provided by Unified Mentor.
- Applying learned concepts to execute data pre-processing, feature exploration, and insight generation as part of an ongoing 3-month internship project.

### WNS Global Services Pvt. Ltd., Gurugram

May 2024 - Sep 2024

#### Associate - EPP | [Link](#)

- Completed 2-month corporate training in PowerPoint & Excel, followed by a performance evaluation; strengthened document formatting, data presentation, and productivity tool skills.
- Delivered ~80 hours of client presentation support, ensuring accurate alignment, design consistency and timely delivery.

## Project Work

### RAG Based AI Teaching Assistant | Python, Whisper, Ollama API, Pandas, Scikit-learn, Joblib | [Link](#)

- Built end-to-end pipeline processing lecture videos through audio extraction, Whisper transcription, and embedding generation with real-time vector similarity search across 1,000+ embeddings for accurate retrieval.
- Integrated Ollama LLM for dynamic prompt generation and natural language query processing, delivering personalized, human-like responses to student questions with efficient semantic search capabilities.

### Personal Finance Dashboard | Excel, Power BI, Data Analytics

- Built a personal finance dashboard using Excel and Power BI to visualize self collected monthly data into dynamic visuals for income, expenses, and spending patterns.
- Used interactive charts and data modeling to bring analytics into daily budgeting and improve financial decision-making.

## Education

### Chandigarh University, Mohali

Aug 2020 - May 2024

B.E. in Information Technology

**Relevant Coursework :** Programming Fundamentals, Database Management Systems, Web Technologies, Computer Networks, Operating Systems, Software Engineering, Information Security, Data Mining, Blockchain, Machine Learning

## Certifications

**OCI Data Science Professional, Oracle :** ML lifecycle, MLOps, and AI deployment on OCI | [Link](#)

**Data Analysis with Python, IBM :** Data cleaning, visualization, and analytical modeling | [Link](#)

**Data Visualization: Empowering Business with Effective Insights, TATA :** Dashboard design and reporting | [Link](#)