

# Sankalp Pandey

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## PROFESSIONAL SUMMARY

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**Data Scientist** skilled in **data analysis**, **machine learning**, and **statistical modeling**. Proficient in **Python**, **SQL**, **Power BI**, and **Tableau**. Passionate about solving complex problems through **data-driven insights** and **predictive analytics**.

## EDUCATION

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**Bachelor of Technology (B.Tech) - Computer Science And Engineering**

*2023 - Present*

*Maharshi Dayanand University*

**Diploma - Automobile**

*2019 - 2022*

*Ganga Technical Campus*

## TECHNICAL SKILLS

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- **Programming:** Python, SQL
- **Data Analysis:** Pandas, NumPy, Scikit-Learn
- **Machine Learning:** Supervised  
Unsupervised Learning, Feature Engineering
- **Data Visualization:** Power BI, Tableau, Matplotlib, Seaborn
- **Cloud**  
**Tools:** AWS SageMaker, Git, Jupyter Notebook

## EXPERIENCE

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**Data Scientist Intern**

*Jan 2025 - Present*

*Unified Mentor*

- **Collect, preprocess, and analyze large datasets.**
- **Develop predictive models and machine learning algorithms.**
- **Perform exploratory data analysis (EDA)** to extract meaningful insights.
- **Create data visualizations and dashboards** for effective communication of findings.
- **Collaborate with cross-functional teams** to deliver **data-driven solutions**.

## PROJECTS

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**Olympics Data Analysis**

*Feb 2025*

- Analyzed **historical Olympics data** to uncover trends in **participation** and **country-wise performance**.
- Utilized **Python (Pandas, Matplotlib, Seaborn)** for **data cleaning, visualization**, and insights.
- Explored **gender representation, country dominance, and Olympic event patterns**.

**Lung Cancer Data Analysis with SQL And Power BI**

*Feb 2025*

- **Cleaned and preprocessed** cancer data, handling **missing values**.
- Extracted insights on **smoking impact, survival years, and mortality rates** using **SQL queries**.
- Designed a **3-page interactive report** using **Power BI**.

**E-commerce Furniture Sales Analysis**

*Jan 2025 - Feb 2025*

- Analyzed **sales data** generating **\$2.11 million revenue** and **46,987 units sold**.
- Identified **pricing trends and customer preferences**, showing that **free shipping boosts sales**.
- Utilized **Python (Pandas, Seaborn, Matplotlib, Plotly)** for **analysis and visualization**.

## CERTIFICATIONS

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- **Python Certification**
- **SQL Certification**
- **Deloitte Australia - Data Analytics Job Simulation**