

RAVLEEN KOUR

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Profile Summary

Dynamic and detail-oriented Data Analyst skilled in Python, SQL, Power BI, and Machine Learning, with specialized expertise in Generative AI.

Adept at transforming raw data into actionable business insights through advanced analytics, predictive modeling, and intelligent automation. Proven ability to design interactive dashboards, optimize data workflows, and support strategic decision-making.

Passionate about leveraging cutting-edge technologies to solve complex problems and drive measurable business growth. Eager to contribute analytical expertise, innovative thinking, and a strong problem-solving mindset to a forward-thinking organization.

TECHNICAL SKILLS

Data Analytics: Data Cleaning, Data Visualization, Statistical Analysis, Business Intelligence

Programming Languages: Python (Pandas, NumPy, Matplotlib, Seaborn), SQL, C/C++, Java, HTML/CSS

Machine Learning & AI: Scikit-learn, TensorFlow, PyTorch, Generative AI (GANs, VAEs, Transformers)

BI Tools: Power BI (Dashboard Creation, DAX, KPI Visualization), Tableau (basic)

Databases: MySQL, MySQL Server

Tools/Platforms: Jupyter Notebook, Google Colab, VS Code, PyCharm, Figma, Canva

Other Skills: Budgeting, Risk Management, Advanced Excel, eBook design and formatting, SEO writing, audience targeting,

independent publishing, manuscript editing, creative writing, storyboarding, digital content strategy, content analytics.

EXPERIENCE

Generative AI Systems Engineering with Data Analytics & Automation Jan 2025 - Present

APTRON, Gurgaon

- Built customized AI chatbots using Transformer models and fine-tuned them for specific industries.
- Automated business processes like customer support, report generation, and data validation using AI tools.
- Gained hands-on experience with TensorFlow, PyTorch, Hugging Face, and prompt engineering.
- Developed and deployed AI agents with real-time integration and performance optimization.
- Suggested enhancements in chatbot personalization, agent scalability, and AI workflow automation.

Data Analytics Intern June 2024 - July 2024

GVT Academy, Noida

- Developed strong data analysis skills under one-on-one mentorship.
- Created dynamic projects, including the Amazon Sales Dashboard and Car Sales Dashboard.
- Led end-to-end processes of data extraction, transformation, and visualization using Power BI.
- Built KPI dashboards to track sales and revenue, applying advanced DAX for deep insights.
- Designed interactive, real-time dashboards powered by SQL-based data retrieval.

Software Development Intern June 2023- July 2023

SOLITAIRE INFOSYS, Chandigarh

- Completed hands-on training in Python, focusing on Pandas, NumPy, and Tkinter.
- Built a Student Result Generator application using Tkinter for GUI and Pandas for data processing.
- Implemented data validation, input handling, and result computation logic to ensure accurate output.
- Applied NumPy for efficient numerical operations and performance optimization.
- Integrated frontend (Tkinter) and backend (Pandas/NumPy) for a functional desktop-based result system.
- Documented the development process and applied debugging techniques for robust deployment.

EDUCATION

SARDAR BEANT SINGH STATE UNIVERSITY, PUNJAB	2021-2025
Bachelor ‘s in Computer Science and Engineering	8.93CGPA
NEW NATIONAL HIGHER SECANDARY SCHOOL,JAMMU	2021
12 th (Non -Medical)	96%
NEW NATIONAL HIGHER SECONDARY SCHOOL,JAMMU	2019
10 ^h (JKBOSE)	91%

PROJECTS

Power BI Sales Analytics Dashboard | Medi Sales (2025)

- Developed an interactive Power BI dashboard to analyze pharmaceutical sales across channels, regions, and teams, enabling actionable, data-driven insights.
- Employed Power Query and DAX to engineer KPIs (Average Price, Max Sales, Total Quantity) for real-time sales performance tracking.
- Optimized business decisions through advanced visual analytics (trend lines, geo-maps, sub-channel segmentation), highlighting performance gaps and growth opportunities.
- Accelerated reporting efficiency by reducing manual analysis time, enabling faster stakeholder decision-making cycles.
- Supported strategic planning by uncovering underperforming markets and aligning sales efforts to high-potential regions.

Chatbot

- Built a rule-based chatbot using Zapier, leveraging multi-step workflows and API integrations for automated user interaction.
- Configured event-driven triggers and conditional logic to streamline task automation across connected platforms.
- Applied no-code automation principles to enhance system responsiveness and reduce manual input.

Analyzing Global Impact of AI | BI PROJECT

- Conducted in-depth data analysis on global AI trends using Power BI and Excel.
- Built interactive dashboards showcasing AI adoption, economic impact, and industry-wise insights.
- Applied data modeling, Power Query, and DAX functions to generate KPIs and actionable visuals.
- Cleaned and transformed raw datasets to ensure data accuracy and performance optimization.
- Leveraged data storytelling techniques to present complex AI trends in a user-friendly format.
- Identified regional patterns and growth opportunities in AI implementation across sectors.

CREATIVE OUTLETS

- NO MAPS FOR GIRLS LIKE HER – Published Book | (Fictional)

Wrote a journey of girl , finding herself in chaotic world, managed editing, cover design, formatting, and promotional strategy.

- THE SILENT ALCHEMY OF PATIENCE – Published Book | (Fictional)

Created a poetic novel on emotional Strength and Patience. Wrote and structured the entire story, building themes of healing, identity, and personal growth.