Abhiroop Singh Sandhu

Portfolio • Vancouver, BC • (604)-830-8861 • abhiroopsinghsandhu@gmail.com • LinkedIn

SKILLS

Excel, SQL, R, Python, Tableau, PowerBI, Data analysis, Statistical analysis Communication, Analytical thinking,

PROJECTS

Global Mortality Causes   April 2025
- Analyzed Mortality causes and metrics of 100+ countries using **SQL** queries to increase identify which countries need help and for which causes.
- Uncovered insights for 30+ Causes of deaths including diseases like Diabetes.

Tableau dashboards for TelCo (a fictional telecom company)   March 2025
- Designed 3 interactive dashboards using **Tableau** to effectively communicate **KPIs**.

Tata Data Visualization: Empowering Business with Effective Insights   November 2024
- Completed a project involving creating data visualizations for Tata Consultancy Services.
- Prepared questions for meeting with client senior leadership.
- Created visuals for **data analysis** to help executives with effective **decision making.**

PwC Switzerland Power BI project   September 2024
- Completed a project where **PowerBI** skills were used to better understand clients and their data visualisation needs.
- Demonstrated expertise in **data visualization** through the creation of Power BI dashboards that effectively conveyed **KPIs**, showcasing the ability to respond to client requests with well-designed solutions.
- **Strong communication skills** reflected in the concise and informative email communication with engagement partners, delivering valuable insights and actionable suggestions based on data analysis.
- Leveraged analytical problem-solving skills to examine HR data, particularly focusing on gender-related KPIs, and identified root causes for gender balance issues at the executive management level, highlighting a commitment to data-driven decision-making.

Accenture North America Data Analytics and Visualization   June 2024
- Completed a simulation focused on advising a social media client as a Data Analyst at Accenture
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders

IELTS Instruction Analysis   May 2021
- Designed 2 surveys using **Google forms** to collect data from students and instructors.
- Analyzed 100+ rows (feedback) using **SQL** to identify patterns and the formulation of 2 different instruction strategies.
- Created 5 KPIs to identify opportunities and actionable insights to improve instruction quality and student scores further leading to increased profitability.
- Created an interactive dashboard using **PowerBI** to visualize the insights and communicate to stakeholders in a simpler way.

WORK EXPERIENCE

Warehouse Associate (Amazon , Langley, BC)   November 2023-Present
- Ensured compliance with safety and operational SOPs, using checklists and logs to track adherence.
- Suggested labeling and organization improvements based on high-frequency item movement, resulting in faster picking time.

Data analyst and Instructor (Metro Institute Muktsar, India **)**   April 2021–August 2023
- Designed and executed **SQL** queries to analyze class attendance, assignment scores, and performance trends across student categories.
- Created interactive **Power BI** dashboards to visualize KPIs as student progress rates, instructor ratings, and engagement metrics.
- Analyzed 100+ Google Maps reviews using **keyword clustering** and **sentiment analysis** to derive actionable insights on public perception and service quality.

EDUCATION

The University of the Fraser Valley, Abbotsford, CA   May 2025
Post Baccalaureate diploma in Business Analytics | Dean's list recipient

Panjab University, Chandigarh, IN   April 2022
Bachelors in Arts | Winner of 2 debate competitions