

Pardeep Walia

Toronto, ON | 647-446-4867 | wpardeep007@gmail.com | [GitHub](#) | [LinkedIn](#) | [My Portfolio](#)

Professional Summary

Recent graduate skilled in **SQL, Python, and Tableau/UI/UX Design**, with hands-on experience building **automated ETL pipelines** and integrating **Databricks** and **Azure Data Factory** for scalable data workflows. Delivered **KPI-driven insights** across projects on **job market trends**, **EV adoption**, and **customer retention**, using **statistical and analytical techniques** to drive data-informed decisions.

Core Skills

Databases: MySQL, PostgreSQL, Oracle
Programming: Python (Pandas, NumPy, BeautifulSoup, Selenium), MATLAB
Visualization: Tableau, Power BI, UI/UX Design
Cloud: Azure Data Factory, Databricks, PySpark, AWS
Other: ETL Pipelines, Git/GitHub, SAP ERP Fundamentals

Education

York University – Toronto, ON BA (Honours) Information Technology September 2022–October 2025
Relevant Coursework: Data Analytics, Statistics, Database Systems, SAP ERP, UI/UX Design, MATLAB, SDLC, Risk Management

Experience

- Automation Technician | HelloFresh | Toronto, ON July 2022–Present
- Built and maintained a **Tableau dashboard** by extracting and transforming production data from the **Mingo Smart Factory API**, visualizing **units/hour, cycle time, speed, and downtime** across production lines.
 - Designed and automated an **ETL pipeline** from sensor-level manufacturing data to Tableau, enabling real-time monitoring and KPI tracking.
 - Partnered with **cross-functional stakeholders** including engineers, operations managers, and quality teams to analyze performance trends and identify bottlenecks.
 - Delivered **weekly data reports and presentations** highlighting throughput, downtime root causes, and efficiency trends, leading to a **5% improvement in production performance**.
 - Authored **data-driven SOPs and documentation**, standardizing reporting and improving communication across departments.
- IT Club | York University July 2023–July 2024
- Organized workshops on **SQL, Python** and **Tableau** for **25+ students**, enriching peer learning and **collaboration**.
 - Increased **attendance by 8%** by creating a learner friendly and peer supportive environment.
 - Coordinated** with faculty and industry speakers, demonstrating strong verbal and written communication.

Projects

- Job Market Data Analysis July 2025–September 2025
- Consolidated **17 fragmented datasets** (~200K+ postings, 35+ features) into 3 master datasets, **reconciling** 95%+ schema mismatches and reducing manual cleanup by 80%.
 - Engineered preprocessing workflows in Python for **feature extraction** and **automated regex-based** skill tagging (~90% accuracy), enabling scalable analytics.
 - Applied **post-stratification weighting** to correct source imbalances and built Tableau dashboards visualizing **KPI** trends and AI skill adoption across roles.
- EV Adoption Analysis August 2025–September 2025
- Processed 248K EV records (2010–2025), **automating data cleaning** and reducing prep time by ~80% (6 hours → 1 hour), enabling faster forecasting updates.
 - Conducted **KPI-driven EDA**, calculating CAGR and comparing BEV vs PHEV adoption to uncover regional growth trends and sustainability insights.
 - Built Tableau dashboards with **pivot tables, heatmaps, and filters** to visualize adoption rates and regional differences for data-driven decision-making.

Certifications

LinkedIn Learning (2025):
Databricks for Data Engineering | Tableau 2024.1 | Data Analysis with Python and Pandas | Azure Data Factory
Tableau desktop specialist (October 2025)
In Progress: Amazon Cloud Practitioner | | Databricks Data Engineer Associate