

# 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

## Projects

- Job Market Data AnalysisJuly 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 AnalysisAugust 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.

## Experience

- Automation Technician | HelloFresh | Toronto, ON |July 2021 – Present
- Collaborated cross-functionally with technicians through JIRA-based issue tracking, improving communication, teamwork and problem-solving.
  - Analyzed automation performance metrics, driving data-driven workflow improvements that boosted 10% efficiency.
  - Authored SOPs and documentation to ensure clear communication and knowledge transfer across teams.
- Security Supervisor | Logixx Security | Toronto, ON |September 2020 – July 2023
- Led and mentored a team of security staff, demonstrating leadership and team development.
  - Maintained detailed digital incident reports with high accuracy, ensuring compliance and accountability.
- 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.

## Education

**York University** – Toronto, ON BA (Honours) Information TechnologySeptember 2022 – October 2025

**Relevant Coursework:** Data Analytics, Statistics, Database Systems, SAP ERP, UI/UX Design

## Certifications

**LinkedIn Learning** (2025): Databricks for Data Engineering | Tableau 2024.1 | Data Analysis with Python and Pandas | Azure Data Factory

**In Progress:** Amazon Cloud Practitioner | Tableau desktop specialist | Databricks Data Engineer Associate