Duren Gouda

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EDUCATION

Dalhousie University — Halifax, NS
Bachelor of Computer Science [Co-op], CGPA: 3.78 — *Sep. 2023 – Apr. 2027*

EXPERIENCE

Data Analyst Intern — Apr. 2024 – Aug. 2024
Odyssey Motors Pvt. Ltd., Maruti Suzuki ([Link]()) — *Remote*
- Optimized operations, reducing service delays by **25%**, by analyzing customer feedback, service logs, and repair records using **Advanced Excel**(**Pivot Tables**, **VLOOKUP**, and **conditional formatting**) and **SQL**.
- Designed and automated dynamic dashboards in Excel and Tableau, improving reporting efficiency by **40%**.
- Automated workflows using Excel **Macros**, reducing manual data entry by **30%**, saving **$2,000+** in labor costs.
- Managed IT assets in **ServiceNow**, ensuring **100%** inventory accuracy and minimizing losses.

Computer Science Mentor — Aug. 2024 - Present
Together@Dal, Dalhousie University ([Link]()) — *Halifax, NS*
- Mentored **20** first-year students, improving retention by 15% through structured guidance.
- Organized community events, **increasing attendance** and participation by **30%** based on sign-ups and feedback.
- Collaborated with TAs and student leaders to enhance academic support and peer learning.

PROJECTS

SysGuard - System Health Monitor | *Python(psutil, smtplib, Matplotlib), Oracle SQL, Git* ([GitHub]())
- Developed a **real-time system monitoring tool**, preventing crashes and optimizing performance.
- Built an **ETL workflow** to extract logs, transform metrics, and load structured data into a database for analysis.
- Designed an alert system using **smtplib** that notifies users of resource overuse, reducing downtime by **35%**.
- Integrated **Oracle SQL** to store system performance data, improving trend analysis and troubleshooting.

Annual Sales Report Analysis | *Advanced Excel, PowerPoint,Visio* ([GitHub]())
- Developed sales dashboard using Pivot Tables and conditional formatting to track **KPIs** and revenue trends.
- Automated reporting processes, boosting efficiency by **30%**, saving the business around **$5000+** annually.
- Delivered the project to the local business, earned **$250** by improving their revenue tracking.

Road Accident Dashboard | *Tableau* ([GitHub]()) ([Tableau Dashboard]())
- Designed an interactive **Tableau dashboard** with **KPIs** and dynamic maps to analyze UK road accidents.
- Implemented dynamic filters and geospatial heatmaps, increasing decision-making **efficiency by 25%**.
- Incorporated filters for detailed insights and **data-driven** decision-making.

Employee Well-Being and Productivity Analysis | *Python(Pandas, NumPy, Matplotlib)* ([GitHub]())
- Conducted in-depth analysis using **Python** libraries to uncover trends and actionable insights.
- Cleaned data effectively by **40%**, handling missing values and ensuring high data quality.
- Visualized productivity trends using **Matplotlib**, leading to better HR policy recommendations.

Retail Orders Analysis | *Python(Pandas, NumPy, Matplotlib), Kaggle API, SQL, Jupyter Notebook* ([GitHub]())
- Performed in-depth analysis, uncovering revenue trends that led to a **15%** increase in sales projections.
- Streamlined data retrieval with **Kaggle API**, saving **10+ hours** of processing time for future reports.

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, PHP, HTML5, CSS3, Git, SQL(MySQL, Oracle, Postgres)
Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow
Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI
Developer Tools & Cloud: AWS, Docker, GitHub, GitLab, Jupyter Notebook, Visual Studio, IntelliJ, ServiceNow
BI & Visualization Tools: Tableau, Advanced Excel (Pivot Table, VLOOKUP, Conditional Formatting)

CERTIFICATES

SQL Foundations Certification | ShiftKey Labs Academy Up ([Certificate]())
Data Analytics with Python Certification | ShiftKey Labs Academy Up ([Certificate]())