

# GANESAN P

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## SKILLS

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- SQL (SQL Server, MySQL)
- Python (Pandas, NumPy, SciPy, Matplotlib)
- Tableau
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- Microsoft Azure
- AWS
- PySpark
- Microsoft Power BI

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## PROJECTS

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### DATA CLEANING - Personal Project

January 2025

- Designed and implemented a data cleaning pipeline using **SQL** to prepare the 2022 Layoffs dataset for analysis.
- Removed duplicate records by leveraging **ROW\_NUMBER()** and **Common Table Expressions (CTEs)**.
- Standardized key columns, including **industry**, **country**, and **date**, ensuring data consistency for analysis.
- Resolved null values in categorical fields by cross-referencing company data and updating missing entries.
- Removed irrelevant rows and dropped unnecessary columns to streamline the dataset.
- Prepared the cleaned data for exploratory analysis and visualization in subsequent stages.

### AMAZON WEB SCRAPER - Personal Project

January 2025

- Utilized **BeautifulSoup** and **requests** libraries to scrape product data, including title and price from Amazon data.
- Processed and cleaned scraped data by extracting and formatting text to improve usability and storage.
- Automated data logging by appending product details to a **CSV file** daily for historical price tracking and analysis.
- Integrated **Pandas** for data manipulation and to ensure structured and efficient reporting.
- Designed a price alert system to send email notifications for price drops using **smtplib**.

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## EDUCATION

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**BS Abdur Rahman Crescent Institute of Science and Technology** – Present  
BCA Data Science  
with SGPA 7.39

Vandalur, Tamil Nadu

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## LANGUAGE

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English, Tamil