GRISHMA DOSHI

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EDUCATION

Murdoch University, Dubai   **GPA: 3.46 out of 4**

Bachelor of Science, Double Major: Computer Science and Business Information Systems   *Graduation Date: Apr 2020*

SKILLS

SQL: Data types, Queries, Aggregate functions, Joins, Subqueries, CTEs, Window functions

Advanced Excel: Conditional functions, XLOOKUP, Index, Match, Macros, Conditional Formatting, Pivot Tables

Power BI: ETL, Power Query, DAX, Drill down, Data Reporting, Dashboards, Filters and Slicers

Tableau: ETL, Data Filtering, Calculated Fields, Bins, Joins, Data Visualization, Sharing Dashboards

Python: Syntax, Data Types, Control Structures, Pandas, Numpy

Soft Skills: Attention to Detail, Active Listener, Effective Communicator

WORK EXPERIENCE

JPMorgan Chase & Co.   **Remote**

Excel Skills Job Simulation on Forage   *Aug 2024 - Aug 2024*

- Developed advanced skills in Excel, including data analysis techniques, automation through VBA with functional macros, and data visualization by creating impactful charts and interactive dashboards in Excel and PowerPoint.
- Enhanced proficiency in Excel functionalities, automation using VBA, and data storytelling through effective visualizations, resulting in impactful presentations and insights from account sales data.

Fifth&Tech   **Dubai, U.A.E**

Software Developer   *Jan 2021 - Jun 2023*

- Crafted a custom theme for a content management system (CMS) that improved the look and feel of the website.
- Optimized page load times by 70% through the use of caching and minification techniques.
- Translated customer requirements into use cases and designed intuitive solutions and user interfaces to enhance user experience in proposals for potential customers.

Murdoch University   **Dubai, U.A.E.**

Student Tutor   *Sep 2019 - Apr 2020*

- Provided early intervention support and direct assistance with study materials to help struggling students succeed.
- Simplified complex theories through clear teachings and offered individualized instruction and tutoring tailored to each student's knowledge and skills.

LEADERSHIP EXPERIENCE

Murdoch University

Project Manager   *Jan 2020 - Apr 2020*

- Boosted software performance by condensing code from 3,600 lines to 180 lines, improving load times.
- Guided team to surpass KPIs by fostering collaboration and ensuring quality compliance before client submission.

PROJECT EXPERIENCE

Global Layoffs Data Cleaning and EDA

Skills: Database Management, Data Integrity, SQL

- Created a new database ("world_layoffs") and imported "layoffs.csv" for analyzing global layoffs data, including company details and industry metrics.
- Implemented data cleaning techniques such as removing duplicates using the ROW_NUMBER function, correcting spelling inconsistencies, and handling null values by populating or removing them based on relevance.

- Set up a staging table to store cleaned data, ensuring safe manipulation while preserving the original dataset for future analysis.

Bike Buyer Insights Dashboard

Skills: Data Cleaning, Analysis, Visualization

- Built a comprehensive Excel project by cleaning a dataset of bike buyers and creating pivot tables and various visualizations, such as bar charts for marital status, pie charts for gender distribution, and line charts for average income by age.
- Improved user experience by adding slicers for marital status, region, and education, allowing dynamic data filtering within the dashboard.

Airbnb Listings Analysis Dashboard

Skills: Dashboard Development, UX Design

- Conducted data cleaning on an Airbnb listings dataset by joining the necessary columns from each table, then prepared key visualizations in Tableau, including line charts for price trends over time and bar charts for listing prices by zip code.
- Designed an interactive dashboard featuring slicers for zip code, date, and number of bedrooms, enabling users to filter and analyze the data dynamically.

Data Professionals Survey Insights Dashboard

Skills: Analytical skills, Data Interpretation

- Processed a survey dataset of data professionals by removing duplicates and enhancing column formatting, then produced engaging visualizations in Power BI, including average salaries by job title and preferred programming languages.
- Created an interactive dashboard with slicers for job titles, programming languages, and challenges, enabling dynamic data filtering and analysis.

PUBLICATIONS

Doshi, Grishma Jayesh, Joseph D. Stevens, and Saima Tariq Khan. "A Rule Based Expert System to Advise on Air-Filtering Plants for Indoor Spaces in UAE." *Proceedings of the 2019 5th International Conference on Systems, Control and Communications* 192 (December 21, 2019): 82–86. https://doi.org/10.1145/3377458.3377470.

Doshi, Grishma, and Joseph Stevens. "GreenAir: An IOT Field Testing System for Bio-Air Filtration." *2021 31st International Conference on Computer Theory and Applications (ICCTA)*, December 11, 2021, 99–103. https://doi.org/10.1109/iccta54562.2021.9916633.