ZAINAB ABDULHASAN

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SUMMARY

Data analyst with hands-on experience preparing and labeling datasets for analysis and machine learning. Skilled in data cleaning, annotation, and visualization using Python, Pandas, and Power BI. Detail-oriented and experienced in identifying trends, ensuring data accuracy, and communicating insights to support AI and analytics projects.

TECHNICAL SKILLS

- **Languages:** Python (NumPy, Pandas, Matplotlib), SQL (basic), HTML/CSS
- **Data Tools:** Excel (pivot tables, VLOOKUP), Tableau , Power BI
- **Analysis:** Data cleaning (100% fill of missing values on multiple datasets), grouping, summarizing, visualization, statistics, reporting
- **Collaboration:** GitHub, Jupyter Notebook, Next.js portfolio site
- Created interactive **Tableau** dashboards visualizing Netflix and salary data; published on Tableau Public for open analysis

Languages:
Arabic

PROFESSIONAL EXPERIENCE

Dispatcher   March 2023– April
El Cajon, California   2024
Z & S Transport INC.

- Arranged and dispatched more than 20 drivers' daily routes, optimizing schedules according to real-time data and client requirements.
- Through proactive problem-solving and data-driven route modifications, the on-time delivery rate was increased by 15%. • Took part in weekly team reports and workflow enhancements by recording and analyzing daily operations data.
- Maintained open lines of communication to guarantee efficient logistics between drivers, clients, and management

PROJECT

Salary Data Exploration & Prediction
Link to Project

- Preprocessed and standardized 150,000+ records, applying feature engineering and imputation to prepare the dataset for predictive modeling.
- To determine the top 5 most prevalent data careers and average salary trends, the data was grouped by job title and experience.
- Created a basic linear regression model to forecast pay based on the experience/remote ratio.
- Used flexible coding solutions to improve the accuracy of predictive analytics by integrating automated missing value imputation procedures into salary datasets.

Interactive Tableau Dashboards
Live Demo

- Designed and published dashboards analyzing Netflix titles and global salary datasets.
- Created visualizations for genre and rating trends, identifying top categories and country patterns.
- Built salary dashboards to compare job titles, experience levels, and average salaries across regions.
- Shared dashboards publicly on Tableau Public, demonstrating data storytelling and visualization skills.

Amazon Prime Content Analysis Dashboard – Power BI
Link to Project

- Cleaned and structured streaming data, formatted date/time fields, and validated categorical features for accurate dashboard reporting.
- Created an interactive Power BI dashboard that includes geographic insights, ratings distribution, trend analysis, and genre breakdowns.
- Used pivot tables, DAX measures, and advanced visuals (line charts, heatmaps, maps) to present key streaming content trends.

Portfolio Website
Link to Portfolio

- Developed and deployed a responsive portfolio website using Next.js, React, and Tailwind CSS to showcase data projects.

EDUCATION

Bachelor of Science Info science and data analytics
San Jose State University   • San Jose, CA   • 2025 present   • 3.4
• Relevant courses: Python, Statistics, SQL, Data Visualization, Web Development

High School
Patrick Henry High • 2014-2017