Dieu Thuy Trinh-Santos
Data Analyst

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PROFESSIONAL SUMMARY

Data analyst with a strong background in medical diagnostics, skilled in **data manipulation and identifying patterns in data** sets. Extracted insights from data to improve data-driven decision-making. Adept in **data visualization** and familiar with **databases**, committed to being a reliable and collaborative team player.

PROJECTS

World Happiness Reports

Multiple survey data sets were cleaned and manipulated with **Python**. I deployed **AI models** with sklearn to identify lead factors affecting perceived happiness, checked the correlation via Numpy for linear **regression** and calculated the p-value for each candidate factor. I visualized my findings in a Tableau dashboard to communicate my insights to stakeholders.

Influenza season preparation

I translated the client's **business requirements** of a distribution plan for temporary medical into an efficient staffing plan to support existing hospitals in the US for upcoming flu seasons. Datasets were cleaned and manipulated via **Excel** before joining them using **VLOOKUP**. Statistical **hypothesis tests** were employed to identify correlations between demographic data and flu-related deaths. Visual analysis followed in **Tableau** with **forecasts** for flu-related deaths. The insights and recommendations were presented via Tableau dashboard.

CERTIFICATION

Data Analytics Bootcamp
CareerFoundry, December 2023
Data Analytics Intro and Immersion Courses

SKILLS

Data Analytics
AI modeling
Python
SQL
Tableau
Data Visualization
MS Excel, Word, PowerPoint

EXPERIENCE

Biologist at Synlab MVZ Weiden
April 2019 – Present
As a biologist, I ensure **fast** and **reliable** visual analysis of fluorescence-generated data to identify patterns and trends for patients' diagnosis.
To ensure my department adheres to the Good Laboratory Practices (GLP), I oversee equipment calibration and test control production to ensure **Quality control** and **Quality management**. Since February 2021, I was **promoted** to become a **supervisor** in technical validation and **decision making**.

EDUCATIONAL BACKGROUND

Bachelor of Science, Molecular Medicine
University of Regensburg, 2017
Participated in Statistics courses