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LUKE DeSANDO - DATA SCIENTIST

SUMMARY

Dedicated and enthusiastic aspiring Data Scientist with a strong foundation in data analysis, statistics, and economics. I am known for working with new technologies, adapting quickly to changing requirements, and using data and analysis to solve complex problems. I track data effectively and am eager to apply my analytical abilities, programming skills, and data visualization expertise to real-world challenges.

SKILLS

Data Interpretation: Extracts valuable insights from complex datasets and translates them into actionable recommendations.

Data Visualization: Creates engaging and informative data visualizations using tools such as Tableau, Power BI, and Excel.

Predictive Modeling: Constructs statistical models to predict future outcomes and trends. Uses techniques such as regression analysis, time series analysis, decision trees, and machine learning algorithms.

EXPERIENCE

Dinsmore & Shohl – Intake Specialist

2023 (Current)

- Performs accurate and efficient data management tasks, ensuring seamless information organization and retrieval of essential client information.
- Uses object-oriented programming to streamline and automate tedious manual processes and reduce intake time by 75%.

Catastrophe and National Claims – Project Manager

2022 (Contract)

- Managed a significant project to create and deploy ClaimBuilder software to streamline the claims process for insurance adjusters. Claimbuilder software reduced claim creation time by 50%.
- Collaborated with developers, analysts, and adjusters, to collect requirements, define project scope, and set project timelines.
- Led training sessions and workshops to educate developers and project managers on Agile methodologies, focusing on the Scrum framework.

Yes.Fit – Business Analyst

2021 (Contract)

- Collaborated with various teams, including product managers, developers, and marketing specialists, to define key performance indicators (KPIs) and determine data tracking requirements.
- Used SQL to extract and manipulate data for creating dashboards and conducting ad-hoc analysis on application usage.
- Utilized Datadog's visualization and data exploration features to create attractive and informative dashboards. These dashboards provided valuable insights into user behavior, product usage, and performance metrics.
- Used dashboards and data exploration to reduce cart abandonment by 30% and increase the conversion rate of races bought by 20%.

Fidelity Information Services – *Product Owner (New Product Development)*

2019 – 2020

- Played a vital role in developing an advanced real-time payments system, designed to deliver secure and seamless payment processing solutions for financial institutions and customers.
- Communicated precise requirements, acceptance criteria, and user stories to the development team; served as the primary contact for product-related discussions and decisions.

Center for Urban Transportation Research – *Grad Researcher*

2019 – 2020

- Cleaned database of all traffic incidents in Florida from 2008 to 2018 to analyze all bicycle-related traffic incidents.
- Used multivariate modeling to find statistically significant links between bicyclists killed in Hillsborough County, Florida.

RESEARCH AND PUBLICATIONS

BEYOND SIDEWALKS – A guide to what influences people to walk, bicycle, and access transit (*Florida Department of Transportation*)

BLOCKSPACES – A strategic guide to Florida's Blockchain Ecosystem, and the opportunity for Blockchain-based Venture Capital (*Blockspaces, Private*)

EDUCATION

University of South Florida, Tampa – *M.A. Economics, 2019*

Completed a Master's program in advanced economics, statistics, and econometrics, gaining expertise in data-driven analysis and decision-making.

Developed expertise in statistical software packages like R, Python, and STATA for complex data analysis, hypothesis testing, and econometric modeling.

Gained hands-on experience in data collection, cleaning, and preparation, ensuring accurate and reliable data for statistical analysis.

University of Tampa, Tampa – *B.S. Economics, 2016*

Completed a rigorous undergraduate program in economics and established a foundation for quantitative analysis and mathematical-based thought.