ANDREW INGRASSIA

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Professional Summary

Data analyst, former business owner, and CareerFoundry Data Analytics Program graduate

Education

CareerFoundry Data Analytics Program, Certificate   *Completed: September 2023*
Lindenwood University, Bachelor's Degree

Projects

Exploring Global Happiness
- Conducted comprehensive analysis of nine years of World Happiness Report data, utilizing Principal Component Analysis (PCA) to identify key variables influencing happiness scores, and developed a precise linear regression model for accurate well-being predictions

Instacart Basket Analysis
- Harmonized and dissected complex data sets encompassing orders, products, departments, and customer information, leading to data-driven marketing strategies guided by customer segmentation analysis

Rockbuster Stealth Analysis
- Performed comprehensive data analysis for a fictional online video service launch of a movie rental company, leveraging advanced SQL queries to pinpoint key revenue drivers and provide strategic recommendations to the BI department.

Professional Experience

Mint Custom Finishes   *September 2014 – present*
Business Owner
- Established and operated a successful residential painting business, specializing in top-quality interior painting and fine finishing services as a solo entrepreneur
- Managed end-to-end operations, overseeing sales, marketing, bookkeeping, production, and logistics to ensure seamless project execution
- Cultivated lasting customer relationships through exceptional service, driving the business primarily through word-of-mouth referrals

Missouri Army National Guard   *April 2009 – April 2017*
Medic
- Awarded the "Army Service Ribbon" as well as the "National Defense Service Medal"
- Received an honorable discharge

Technical Skills

Programming Languages:
- *Python*
- *SQL*

Software:
- *Excel*
- *Tableau*
- *PowerPoint*
- *Jupyter Notebooks*

Libraries:
- *Pandas*
- *Matplotlib*
- *Seaborn*
- *Plotly*
- *NumPy*
- *SciPy*
- *sykit-learn*
- *statsmodels*

Skills:
- *Data Cleaning and Wrangling*
- *Data Visualization and Storytelling*
- *Exploratory Data Analysis (EDA)*
- *Machine Learning and Predictive Modeling*
- *Statistical Testing and Analysis*
- *Geospatial Analysis*
- *Time Series Analysis and Forecasting*