

Charles Ancel

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Analytical and detail-oriented Mathematics graduate with a minor in Economics, skilled in data analysis, statistical modeling, and financial management. Proven experience in managing complex projects, optimizing workflows, and leveraging advanced software tools such as Excel, Python, and R. Adept at collaborating with cross-functional teams to develop data-driven solutions and strategies. Passionate about contributing to innovative and community-focused organizations like Equity Residential, with a strong commitment to delivering exceptional results and continuous improvement.

Willing to relocate: Anywhere

Work Experience

Production Coordinator

Tournament of Roses (Rose Parade)-Pasadena, CA

December 2022 to January 2024

- Played a key role in the coordination and execution of floral designs for the Rose Parade, focusing on logistical oversight of attachment, wiring, and rigging of floral mechanics to vehicles.
- In my expanded role for December 2023, acted as the primary logistical coordinator below the director, ensuring all designers had the necessary products and tools at the correct locations and capacities.
- Optimized the allocation and management of florals and resources across various parade vehicles, guaranteeing consistency and supporting the creative vision of the design team.
- Facilitated a smooth workflow and efficient process for volunteer teams, contributing to the event's success by ensuring timely and precise execution of design tasks.

Analyst

FTD LLC-Chicago, IL

May 2023 to September 2023

Floral Arrangement Data Analysis

- Conducted comprehensive data analysis on SKU profitability, focusing on key trends and preferences.
- Analyzed color importance and flower variety to guide marketing and design strategies.
- Developed visualizations such as pie charts and bar graphs to present data insights effectively.
- Provided actionable recommendations to enhance marketing procurement strategies based on data-driven insights.
- Analyzed SKUs to establish a new pricing strategy aimed at offering consistent margins across various floral arrangements.
- Conducted statistical analysis to determine average order values, total order counts, and gross order amounts, and compared data from 2022 and 2023 to identify trends.

Photo Studio Assistant

FTD LLC-Chicago, IL

May 2022 to September 2022

- Set up equipment, managed equipment storage and workflow
- Edited and retouched photos plus submitting to post production
- Manage workflow and pricing in Excel to ensure profitable targets are met, enabling thousands of florists nationwide to successfully execute branded designs
- Workflow management and product pricing, document floral recipes and assist with profitability targets alongside the design team
- Documenting Year over Year stem pricing shifts to calculate best practices with future retail pricing

Photo Studio Assistant

FTD LLC-Downers Grove, IL

January 2021 to August 2021

- Set up equipment, managed equipment storage and workflow
- Edited and retouched photos plus submitting to post production
- Manage workflow and pricing in Excel to ensure profitable targets are met, enabling thousands of florists nationwide to successfully execute branded designs
- Workflow management and product pricing, document floral recipes and assist with profitability targets alongside the design team
- Documenting Year over Year stem pricing shifts to calculate best practices with future retail pricing

Education

Bachelor's degree in Mathematics

University of Illinois at Urbana-Champaign - Urbana, IL

August 2020 to Present

Skills

- Earned a certification in finite mathematics, demonstrating a solid foundation in mathematical concepts and their application in real-world scenarios, enhancing analytical problem-solving capabilities.
- Strong Excel skills, leveraging advanced formulas, pivot tables, and VBA scripts for data manipulation, analysis, and reporting; experienced in web scraping to collect and process data from various online sources.
- Proficient in R, Python, LaTeX, with practical application in data analysis and visualization projects, and moderate experience in HTML/CSS and Java for web development and software engineering tasks.
- Applied knowledge in regression analysis, experimental design, and other statistical methods in academic and personal projects to identify trends, test hypotheses, and support decision-making processes.
- Python
- Microsoft Word
- Microsoft Excel

- R
- Java
- Statistics
- Data entry
- Data analytics
- Communication skills
- Project management
- Marketing
- Accounting
- Microsoft Powerpoint
- Statistical Analysis
- JavaScript
- Data Visualization

Languages

- French - Intermediate

Additional Information

Projects:

College Football Games Statistical Analysis

- Conducted a detailed analysis of a dataset covering college football games from 2001 to present.
- Utilized statistical techniques to evaluate trends, performances, and the excitement index of games.
- Designed and implemented statistical models to analyze and predict game outcomes and excitement factors.

Competitive Valorant Match Analysis

- Developed a Python-based tool for scraping competitive Valorant match data from the web.
- Established performance baselines and identified success patterns, compensating for missing win/loss data by creating new outcome-representative metrics.
- Employed statistical methods to merge datasets for comprehensive analysis, enhancing insights into player and team dynamics in the competitive scene.