Lance Adrian D. Acal

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SUMMARY

Aspiring Data Analyst with strong foundations in Excel, Power BI, SQL, and Python. Experienced in data cleaning, exploratory analysis, dashboard development, and data storytelling through academic and capstone projects. Adept at translating datasets into actionable insights, with a long-term goal of transitioning into Data Science and machine learning after mastering data analytics fundamentals.

PROFESSIONAL EXPERIENCE

No professional experience yet.

EDUCATION

BS in Computer Science
- Cavite State University - Imus – Expected Graduation: 2027
- Cumulative GPA: 1.47

TECHNICAL SKILLS

Data Analytics & Visualization
- Excel (Advanced formulas, Pivot Tables, Dashboards, Data Cleaning)
- Power BI (Dashboard Design, Data Modeling, DAX - learning)

Programming & Querying
- Python (Pandas, Matplotlib, Seaborn)
- SQL (SELECT, JOIN, GROUP BY, Subqueries)

Statistics & Analytics
- Descriptive Statistics
- Data Cleaning, Interpretation & Storytelling
- Exploratory Data Analysis (EDA)

PROJECTS

Power BI Dashboard Projects:
- **Netflix Dataset Analysis** (Academic Project - Experimental Statistics, CvSU - Imus)
  - Built an interactive Power BI dashboard analyzing Netflix content across 15 countries (2000–2020); visualized trends in releases, runtimes, and geographic patterns, providing insights into peak viewing times and longest-running content.
- **Executive Summary - Financial Report Dashboard** (Certification Project – DataSense Analytics)
  - Designed an executive-level financial dashboard in Power BI highlighting revenue by product segment, revenue trends over time, top-performing countries, units sold, and profit using bar charts, line charts, tables, and maps.

Excel-Based Analytics Projects:
- **Salary Insights Dashboard** (Certification Capstone Project - Direcho Trabaho)
  - Cleaned and analyzed a Kaggle dataset on data science job salaries to uncover insights on compensation trends. Built an Excel dashboard to visualize salary distributions by role, experience level, and location, enabling clear comparison and data-driven insights for career planning and industry analysis.
- **Content Calendar & Task Analytics System**
  - Created a dynamic Excel calendar with automated task placement based on input dates.
- **Spotify Premium Family Tracker**
  - Built a reusable Excel template with centralized inputs, payment checkboxes, and payment status display.

Python Data Science / Analytics Project:
- **RFM Customer Segmentation Analysis and Python Dashboard** (Certification Capstone Project - Direcho Trabaho)
  - Analyzed Brazilian E-Commerce Public Dataset by Olist (~100,000 orders across 7 tables) using Python, Pandas, and visualized with Matplotlib/Seaborn; performed RFM segmentation to identify high-value and at-risk customers, revealing service delays as the main factor affecting retention and campaign ROI.

CERTIFICATES

Data Science & Analytics
- Data Science in the Modern World – Direcho Trabaho
- Data Science Program (Python, Pandas, Visualization, Storytelling) – Direcho Trabaho
- Fundamentals of Statistics with Microsoft Excel – Data Analytics Philippines
- Fundamentals of Python Programming – Data Analytics Philippines

Tools & Business Intelligence
- Introduction to Excel - Virtual Mentors
- Advanced Excel - Virtual Mentors
- Business Intelligence with Power BI Desktop (Zero to Low Code Dashboard) – DataSense Analytics
- Data Analytics Learning Challenge – DataSense Analytics

CAREER DIRECTION

Seeking **Data Analyst / Data Scientist internship or OJT opportunities** where strong Excel, BI, SQL, and Python skills can be applied to real-world datasets, with the goal of advancing toward machine learning and advanced analytics.