

## Lance Adrian D. Acal

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## SUMMARY

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Aspiring Data Analyst with strong foundations in Excel, Power BI, SQL, and Python. Experienced in data cleaning, exploratory data analysis, dashboard development, and data storytelling through academic and capstone projects. Able to translate datasets into actionable insights, with a long-term goal of progressing into Data Science and machine learning.

## EDUCATION

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Bachelor of Science in Computer Science  
Cavite State University - Imus  
Expected Graduation: 2027 | Cumulative GPA: 1.47

## TECHNICAL SKILLS

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### 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)

### Analytics & Statistics

- Descriptive Statistics
- Data Cleaning
- Exploratory Data Analysis (EDA)
- Data Storytelling

## PROJECTS

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### 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 release trends, runtime distributions, and geographic patterns to support data-driven insights.
- **Executive Summary - Financial Report Dashboard** (Certification Project – DataSense Analytics)
  - Developed an executive-level Power BI dashboard summarizing financial performance metrics.
  - Designed clear visual reports using bar charts, line charts, tables, and geographic maps.

### Excel-Based Analytics Projects:

- **Salary Insights Dashboard** (Certification Capstone Project - Direcho Trabaho)
  - Cleaned and analyzed a Kaggle dataset on data science job salaries.
  - Built an Excel dashboard to explore salary trends by role, experience level, and location
- **Spotify Premium Family Tracker**
  - Built a reusable Excel template with centralized inputs, automated payment status updates, and dashboard reporting.

#### **Python Data Science / Analytics Project:**

- **RFM Customer Segmentation Analysis and Python Dashboard** (Certification Capstone Project - Direcho Trabaho)
  - Analyzed a Brazilian e-commerce dataset (Olist) containing 9 datasets each having 100,000 rows using Python and Pandas.
  - Applied RFM segmentation to identify high-value and at-risk customers for targeted marketing.
  - Delivered insights through visualizations using Matplotlib & Seaborn and a stakeholder-ready presentation.

## **CERTIFICATES**

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### **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

### **Tools & Business Intelligence**

- Advanced Excel - Virtual Mentors
- Business Intelligence with Power BI Desktop (Zero to Low Code Dashboard) – DataSense Analytics