

# Christopher Kornaros

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## **EDUCATION**

**Tulane University, A.B. Freeman School of Business**

*Master of Business Analytics*

*Bachelor of Science in Management*

Double Major: Marketing, Asian Studies

New Orleans, LA

May 2021

May 2020

## **EXPERIENCE**

**General Motors**

Austin, TX

*BI/Data Engineer*

July 2023 – Present

- Proposed a project to upgrade a 10-year-old legacy system, which drives \$1.2 billion in annual revenue for GM
- Created custom bash scripts to extract the various SQL queries for the ETL jobs and end user reporting files
- Designed the updated system architecture for the data related components of the application (DB, ETL, etc.)
- Migrated our legacy, Oracle vehicle database to PostgreSQL, eliminating multi-million dollar licensing fees
- Overhauled our sales and intelligence report, used by the CEO and C-Suite, plus the SEC for compliance
- Lead the development and training of GM data engineers in Databricks and PySpark for ETL and ML
- Implemented DevOps best practices, using GitHub to manage repositories and Python for pipelines

*Lead Business Intelligence Analyst*

February 2023 – June 2023

- Refined and built Star Schemas and data marts for reporting solutions to ensure data quality for all reporting tools
- Coded Python scripts using Spark, Pandas, and NumPy for various ad hoc analytic requests and analyses
- Functioned as the senior developer and lead for reporting, on a billion dollar overhaul of GM's WMS
- Developed internal training materials and workshops for reporting developers of all experience levels
- Owned the CCAW Power BI Platform, supporting over 2,000 users and \$800mm in annual profits
- Participated in both internal and external pilots guiding emerging technology policies within GM

*Business Intelligence Analyst*

June 2021 – February 2023

- Utilized SQL techniques, such as CTEs, subqueries, and window functions to extract data from GM's warehouse
- Used Power BI to build reports supporting our business partners in GTM strategies for products and services
- Created and served as the platform admin for my organization's Power BI platform (Cloud and On-Prem)

**Crescent Bank and Trust**

New Orleans, LA

*Data Science Intern*

January 2021 – May 2021

- Cleaned and prepared datasets from a SQL Server database, using Python for the ETL processes and analysis
- Created a machine learning model to predict the likelihood a delinquent account would default on their loan
- Utilized data exploration tools and methodologies, ranging from basic statistical methods to regressions
- Deployed the model into production with over an 80% accuracy, more than double the previous model

## **SKILLS AND INTERESTS**

**Certifications:** Microsoft Certified Power BI Data Analyst, Microsoft Certified Azure Fundamentals, Databricks Lake House Fundamentals, Agile Principles and Methodologies

**Technical Skills and Coding Languages:** SQL (T-SQL, Postgres, Oracle, Hive/Hadoop), Bash, Docker, AWS, Azure, dbt, Databricks, Python, Machine Learning, Spark, Airflow, git, GitHub, Snowflake, DuckDB

**Professional Organizations:** Tulane Masters of Business Analytics Industry Advisory Board, Zeta Beta Tau, Phi Alpha Delta Law Fraternity International

**Personal Interests:** Data Strategy and Innovation, Open Source Software, Whitepapers, Distributed Systems, Quantum Computing, Asian Philosophy, Cooking, Exercising, Archery

**Spoken Language:** Greek (Basic), Mandarin Chinese (Basic), Spanish (Basic), Japanese (Basic)

