

PANAGIOTIS GIANNOPOULOS

DATA SCIENTIST - ANALYST

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Summary

Dynamic professional with a robust background in data management, ETL pipelines, and analytical reporting. Proficient in machine learning, with a specific passion for deep learning and love on Hugging Face models. Skilled at steering complex projects, from forecasting revenue for mobile services to ensuring data integrity and efficiency. Eager to leverage technical acumen and industry insights to create a meaningful impact.

Work Experience

Upstream S.A.

Aug 2022 - Present

Data Analyst

Revenue Predictions for Mobile Value-added Services

Led the design and rollout of a machine learning model tailored for accurate revenue forecasting, leveraging user behavior and seasonality nuances. This involved a seamless transition from data extraction using Python and HIVE/Impala to visualization in Tableau. I ensured the model's results were clear and trust-inspiring for stakeholders, streamlining the entire process from raw data in HDFS to insights in a PostgreSQL (Citius) data warehouse.

Implementation of ETL Pipelines

Design and set up ETL pipelines using Python, pulling data from sources like HDFS, PostgreSQL, Redshift (AWS), and MongoDB. Once processed, I used Tableau and Looker Studio to make the data easy to understand with clear visualizations and reports.

Ad Hoc Analysis and Infrastructure Maintenance

Handle on-the-spot data analyses when needed, like checking how changes might affect revenue, to help guide business choices. Additionally, I kept our data systems running smoothly by regularly maintaining and fixing any issues.

Relational S.A.

Dec 2020 - Jul 2022

Business Intelligence Analyst

Alpha Bank (Customer)

Monitored and supported our ETL pipelines in Informatica daily, stepping in to fix any hiccups. With SQL, I tackled special data requests and analyses, and I shaped the structure of Universes using SAP Business Objects, focusing on crucial home loan KPIs. Plus, I teamed up with colleagues to start moving our reports to PowerBI, making our data visuals even better.

Intralot (Customer)

Involved in a major project to merge two databases behind their betting system, tweaking around 100 reports in Business Objects and Universes for the new setup. I also provided ongoing support and fine-tuned reports during the transition, making sure everything ran smoothly until we phased out one of the databases.

Hellenic Army, *Mandatory Military Service*

Jan 2020 - Oct 2020

Master Sergeant Assistant in Presidential Guard

Managed soldier scheduling, coordinated manpower for high-profile events like presidential visits and formal parades, and took on administrative roles during the Master Sergeant's absence. Also acted as a mediator between soldiers and officers, ensuring weekly updates of records. Recognized with a promotion to Lance Corporal for outstanding duty performance.

Education

Athens University of Economics and Business, AUEB

MSc in Data Science (Part Time)

Sep. 2021 - Jun 2023

Grade: 8.30/10

National Technical University of Athens, NTUA

MEng in Naval Architecture &
Marine Engineering

Sep. 2013 - Oct 2019

Grade: 8.22/10

Certifications

Azure AI Fundamentals

Microsoft • Sep. 2023

Generative AI Fundamentals

Databricks • Jul 2023 - Jul 2025

Technical Skills

Pr. Languages | Frameworks

Python, SQL, Hive, PySpark,
TensorFlow, Keras, Selenium

Software | Others

Tableau, PowerBI, Git, Linux,
Airflow

Databases

PostgreSQL, MySQL, Hadoop,
MongoDB, Neo4j, DuckDB