

IDAN ARBEL

Data Solutions Engineer | Implementation & Analytics | GenAI

☎ 054-3131379 @ i.arbel.career@gmail.com 🔗 [LinkedIn](#) 🔗 [Website](#)

SKILLS

Data

SQL · PostgreSQL · Oracle · DBMS ·
DML / DDL · Elasticsearch · SAS Studio ·
Excel · ETL · Statistical Analysis

Programming

Python · Data Structures · OOP · NumPy ·
Pandas · Matplotlib · Machine Learning ·
Jupyter Notebook · SAS · API

AI

Google Gemini · NotebookLM · ChatGPT ·
Base44 · Lovable

BI

Data Visualization · Tableau ·
SAS Visual Analytics

Additional Skills & Expertises

Jira · GitHub · Salesforce ·
Stakeholder communication ·
Cross-functional collaboration ·
Attention to Detail

LANGUAGES

Hebrew Native ●●●●●

English Proficient ●●●●●

Spanish Advanced ●●●●●

PROJECTS

Dash:IQ (Base44)

AI-powered finance dashboard with LLM-based categorization, insights and forecasts ([Link](#))

- Designed to help users manage their own financial transactions and deliver insights using advanced AI techniques and product-life-cycle methodologies
- 350+ monthly active users

OmniScribe (Google AI Studio)

Speech-to-Text intelligent audio workspace ([Link](#))

- Intelligent audio-to-insight pipeline using to transform raw recordings into structured, actionable intelligence tasks
- Optimized for **English and Hebrew**

SUMMARY

Experienced in designing, deploying and implement fraud detection models and scalable ETL pipelines. Proven ability to translate complex datasets into actionable insights that enhance operational efficiency and reduce risk. Skilled in SQL, SAS, Python, and BI tools, with a track record of increasing analyst productivity and system uptime. Committed to leveraging data analytics to drive strategic business decisions and optimize processes.

EXPERIENCE

Data Solutions Engineer

07/2022 - Present

SAS ISRAEL

- Developed, deployed and implemented 6+ anti-fraud models using **SQL** and **SAS**, cutting false positives by 20% across multi-million-row financial datasets
- Engineered scalable **ETL** pipelines and robust schema designs that supported real-time fraud detection
- Conducted ad-hoc analyses identifying suspicious vendor & employee patterns, leading to >1M in prevented fraud
- Tailored anti-fraud systems per client business logic, boosting analyst productivity by 30%
- Monitored and optimized production and development environments, resulting in 97% system uptime

Revenue Operations Data Analyst

03/2021 - 07/2022

Check Point Software

- Designed KPI dashboards and tools for EMEA renewals, improving team efficiency and sales visibility
- Analysed sales performance trends and sales cycles, identifying bottlenecks that led to a 12% increase in renewal rates
- Automated reporting pipelines using SQL and Tableau, reducing manual data processing time by 50%
- Initiated a cross-departmental data transformation project, enabling sub-5 second response times on key queries

EDUCATION

Generative AI & LLM

12/2025 - Present

Technion - Israel Institute of Technology

- Hands on OpenAI API, Prompt Engineering, and deployment of custom AI agents
- Coursework highlights: SQL/NoSQL, LangChain, Vector Databases

B.Sc. in Industrial Engineering

10/2017 - 07/2021

SHENKAR - Engineering Faculty

- Majoring in Information Systems
- Coursework highlights: DBMS, SQL, Python & Machine Learning
- Internship - Selected for elite internship as Product Manager at AT&T Israel

MILITARY SERVICE

Captain, HR Office

2012 - 2016

Israeli Navy commando ('Shayetet 13')

- Managed human resources within routine and emergency scenarios
- Led efficiency projects in the field of human resources