Galia Appel

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Summary

Data Analyst with a strong foundation in educational technology, product thinking, and user-centered design. Bringing hands-on experience in developing dashboards, analyzing user behavior, and designing data-driven solutions to improve digital products and learning platforms. **Skilled in Python, SQL, Power BI, and Streamlit, with a background in leading cross-functional projects across data**, development, and curriculum design. Passionate about transforming complex data into clear insights and building tools that make an impact.

Work Experience

2025–Present

Data Analyst at AdoptMe

`python` `Streamlit`

Project Overview: Contributing to the development of an interactive dashboard for a nonprofit adoption app, supporting animal shelters by tracking key performance indicators (KPIs) and user engagement.

Data Analysis & Visualization: Working with data from both the app and database to identify trends such as animal popularity, number of swipes ("likes" and "passes"), and user activity patterns. Collaborating with different teams to define KPIs and reporting needs.

Tools & Implementation: Building dashboards using **Python and Streamlit,** enabling real-time visualization and intuitive user interface for non-technical users.

2023–Present

Digital Solutions Manager at Appleseeds

`airtable` `make` `powerbi` `sql` `react`

Workflow Optimization: Designed and implemented digital solutions to automate and streamline internal processes—most notably the registration system—resulting in improved data accuracy and operational efficiency.

Data-Driven Tools & Dashboards: Developed and maintained dynamic dashboards for various organizational needs, integrating real-time data flows using tools such as **Airtable**, Make (Integromat), and **Power BI**.

Technical Maintenance & Data Integration: Managed the "Digital Classroom" app, executing **SQL** queries for attendance tracking and lesson feedback, resolving technical issues, and embedding the data into Power BI visualizations.

2022–2023

Learning Manager in Net@ Youth Organization at Appleseeds

`html` `css` `javascript` `react` `python`

Course Leadership: Led the strategic transition to a new 8-year curriculum, ensuring alignment with evolving industry standards and learner needs.

Content Development: Defined and structured course materials for technical topics including Advanced JavaScript, Python Basics, and Full-Stack React, enhancing the depth and clarity of instruction.

Cross-Team Collaboration: Worked closely with educators, developers, and subject matter experts to deliver scalable and impactful learning experiences across multiple cohorts.

Instructor Training & Management: Managed and supported approximately 80 instructors, delivering training and resources to enable effective teaching across multiple cohorts.

Data-Informed Instruction: Leveraged student engagement and performance data to identify challenges and adjust curriculum and teaching strategies as needed.

Projects

2025   **Audible Library Dashboard** (Link)

powerbi   power-query

Transformed my personal Audible library into an interactive Power BI dashboard, visualizing purchase habits, favorite authors and narrators, most popular categories and a book picker.

2023   **Product Range Analysis** (Slides, GitHub)

python   numpy   matplotlib   seaborn   scipy   data-analysis

Conducted a data-driven product range analysis, identifying key **trends and insights to support strategic product management decisions.**

2023   **SQL Data Analysis for a Book App** (GitHub)

sql   postgresql

Analyzed book sales, ratings, and trends to support the development of a book app. Used SQL queries to identify popular authors, emerging genres, and reader preferences while ensuring data integrity.

2021   **A Machine Learning Analysis of Frankenstein** (Slides, Report)

python   pandas   scikit-learn   numpy   matplotlib   seaborn

Researched the authorship question of "Frankenstein" by training machine learning models on the texts of both authors to determine which sentences in the novel could be attributed to each author.

Education

2022–2023   **Data Analyst Bootcamp** at **Triple Ten (Practicum100)**

python   pandas   numpy   postgresql   eda   matplotlib   seaborn   plotly   tableau

Completed a 7-month intensive program focused on developing data analysis skills through real-world, data-driven projects. Gained hands-on experience with Python, Pandas, data visualization libraries, SQL, and Tableau.

2021–2023   **M.Ed in Technology in Education** at **Kibbutzim College**

2021   **Introduction AI** at **Ben-Gurion University of the Negev - External Studies Center**

python   scikit-learn

Completed a 40 academic hour practical AI program covering foundational concepts.

2010–2011   **Game Programming and Design** at **Beit-Berl College**

actionscript   flash   game-design

2007–2010   **B.Sc in Biology** at **Tel-Aviv University**

Skills

- Python (Pandas, NumPy, Streamlit)
- SQL (data retrieval & transformation)
- Data visualization (Power BI, Matplotlib, Seaborn)
- KPI tracking & user behavior analysis
- Dashboard design & UX thinking

Languages: Hebrew, English