Contact Information

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Email
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Links
Linkedin

Website

GitHub

Amit Malka

Data-oriented professional with extensive expertise in Python, R, and SQL, adept at extracting actionable insights from complex datasets. Proven in team leadership, process optimization, and creative problem-solving—with hands-on experience improving operational efficiency at MyHeritage. A fast learner with excellent adaptability, I am eager to drive innovative, data-centric projects in a dynamic, tech-forward environment.

Skills

- Python (Pandas, NumPy, Matplotlib, Seaborn etc.)
- R Programming (dplyr, ggplot2 etc.)
- SQL (data querying and analysis)
- JavaScript, TypeScript, React, CSS (website development)
- Technical Skills & Core Competencies
- Team Collaboration
- Fast Learner & Adaptable

Education

2020 - 2023

Bachelor of Biotechnology-Bio Data, Tel Hai College (GPA 85)

- Developed strong proficiency in **statistical analysis** and programming (**Python, R**) applicable across various data types.
- Led a comprehensive research project analyzing large-scale datasets, including single-cell RNA sequencing. (**project link**)
- Created a versatile R pipeline for **data analysis**, applicable beyond biological contexts, with a focus on extracting actionable insights.
- Applied advanced techniques such as **data quality control, dimensionality reduction, clustering, and data visualization.**
- Gained experience in translating complex data into meaningful conclusions, demonstrating adaptability in analyzing diverse information and presrnting it.

Experience

2020 - 2021

Lab Technician & Shift Manager, MyHeritage

- Led a team through task allocation, performance monitoring, and adherence to strict timelines.
- Managed and optimized lab operations, increasing efficiency during high-demand periods.
- Directed complex projects and processes under tight deadlines, collaborating with cross-functional teams to maintain high safety and quality standards.
- Contributed to MyHeritage's reputation by delivering rapid and reliable test results.

2014 - 2017

Military Service, Givati

- Developed leadership skills through real-world challenges, including high-pressure tactical missions.
- Directed logistics for 120 soldiers, ensuring seamless operations in dynamic environments.
- Managed and coordinated team activities, fostering collaboration and efficiency.