

Contact Information

Phone

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Email

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Links

Linkedin

Website

GitHub

Amit Malka

Detail-oriented data professional with a strong foundation in data analysis, SQL, Python, and R programming. Experienced in handling and interpreting complex datasets to uncover actionable insights. Skilled in collaborative teamwork, process optimization, and technical problem-solving, with a focus on driving impactful results in dynamic environments. Eager to contribute to innovative projects and grow within the tech industry.

Skills

- Python (Pandas, NumPy, Matplotlib etc.)
- R Programming SQL & Data Querying
- Microsoft office (Excel ,PowerPoint etc.)
- Advanced Statistical Analysis
- Team Collaboration
- Fast Learner & Adaptable

Education

2020 - 2023

Bachelor of Biotechnology-Bio Data, Tel Hai College

- 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

- Managed a team, including task allocation, performance monitoring, and ensuring precise and efficient work execution.
- Led workflow optimization processes, significantly increasing lab capacity during peak pandemic periods, while coordinating across departments.
- 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

- Commanded and led a squad soldiers on complex missions in enemy territories and along borders.
- Managed the logistical operations of a 120-soldier.
- Coordinated and executed tactical operations under high-pressure environments.
- Developed leadership and decision-making skills through real-world military challenges.