***Shmuel Berger***

**Data Analyst  
📞 +972-52-244-2083 | ✉️ 123bberger@gmail.com** <https://www.linkedin.com/in/shmuel-berger/> **|** [**https://github.com/iShmuel**](https://github.com/iShmuel) **|** <https://www.kaggle.com/shmuelberger>

***Professional Summary***

Data analyst with a passion for transforming raw data into actionable insights. Skilled in problem-solving, pattern recognition, and data-driven storytelling to support strategic decision-making. Experienced in Python, SQL, and Power BI, with a strong commitment to continuous learning and innovation.

***Technical Skills***

* **Programming**: Python (Pandas, NumPy), SQL
* **Data Engineering**: ETL pipelines, Data wrangling, Data cleaning
* **Data Visualization**: Matplotlib, Power BI, Tableau, Excel
* **Machine Learning**: Scikit-learn, Feature engineering, Model evaluation
* **Web Development**: HTML, CSS, Selenium

***Experience***

***Quality Assurance Specialist – IDF (Prisma Unit) | September 2021 – September 2022***

* Conducted QA testing and ensured system reliability in high-security environments, reducing system failures by 20%.
* Assisted in the development and improvement of control management systems, enhancing operational efficiency.

***Quality Assurance Specialist – IAF (Mofet Unit) | September 2022 – September 2023***

* Performed QA testing and validation to maintain the integrity of critical systems within the Mofet Unit.
* Contributed to process optimization, ensuring the reliability and performance of advanced security systems.

***Projects***

***Pizza Sales Data Analysis Project | 2024***

* Cleaned and analysed sales data using Python and SQL.
* Built an interactive Power BI dashboard that identified peak sales trends and optimized inventory management, leading to a potential 15% reduction in waste.

***Hackathon – Derech Chaim Yeshiva | January 2022***

* Applied data analysis and problem-solving skills in a fast-paced, competitive environment.
* Collaborated with a team to develop a data-driven solution, demonstrating teamwork and technical expertise.

***Education***

***B.Sc. in Computer Science (Ashkelon College) | 2019 – 2023***

* Specialized in data structures, algorithms, database management, and statistical analysis.
* **Final project:** Built a [**bank customer churn prediction model**](https://github.com/iShmuel/Bank_Customer_Churn_1) using Python, Scikit-learn, and XGBoost. Applied **feature engineering** and evaluated multiple models to improve accuracy and identify key retention factors.

**10-Week QA Course – Basmach | *2021***

* Gained expertise in software testing, system validation, and quality assurance methodologies.

**Languages** Hebrew: NativeEnglish: Fluent