

Doron Ben Chayim (Née Snoyman)

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Passionate Data Scientist with 2+ years of experience in Python, SQL, statistical analysis, and AI solution development. Motivated by the challenge of transforming business processes through AI, I thrive in cross-functional collaboration, aiming to solve complex problems and drive insightful decisions.

Education

University of New South Wales	Sydney (Remote)
Masters (M.Sc.) of Data Science	2023-2025
ITC- Israel Tech Challenge – Data Science Fellows	Israel 2021
• 6-month, full-time training course in collaboration with leading tech companies, which qualifies talented STEM BSc/MSc graduates as professional Data Scientists, with an acceptance rate of 5%.	
University of New South Wales	Sydney
Bachelor of Engineering (Civil with Honors)	2015-2019
University of New South Wales	Sydney
Bachelor of Commerce Major in Banking and Finance	2015-2019

Experience

Justt Chargeback Analyst	Israel May 2023 – Present
<ul style="list-style-type: none">Engaged in deep data analysis to address and solve complex chargeback disputes by scrutinizing transaction data for signs of fraudulent activity, directly contributing to our mission of leveraging AI to enhance critical business processes.Utilized advanced SQL queries to dissect and extract crucial insights for fraud detection and chargeback analysis, demonstrating a creative approach to solving high-value business problems through data-driven techniques. This work aligns with our emphasis on technical skill, analytical prowess, and the ability to apply AI and data analytics in crafting impactful solutions for business challenges.Spearheaded a project to automate chargeback processing, developing Python code that enhanced processing efficiency, showcasing my passion and creativity in solving business problems with AI and data techniques.Directed and mentored an offshore team of over 20 professionals, focusing on enhancing collaboration, productivity, and project delivery, which reflects the ability to work with and be part of a team of great minds.Fostered collaborative partnerships with product managers, data engineers, scientists, and BI specialists to refine chargeback management workflows and dispute resolution, highlighting excellent business and communication skills as well as a deep understanding of AI's impact on business.	
OliveDiagnostics Data Scientist	Israel Jan 2022- Dec 2022
<ul style="list-style-type: none">Developed Python code for an ETL data pipeline in a pioneering AI-driven project, demonstrating technical prowess in Python and aligning with our group's focus on innovative AI applications. This initiative directly contributes to transforming critical business processes with state-of-the-art AI capabilities.Employed Python libraries such as Seaborn and Matplotlib for Exploratory Data Analysis (EDA), extracting vital information and visualizing complex datasets, showcasing my analytical skills and creativity in utilizing data-driven insights to address business problems.Created signal processing algorithms for data cleaning, achieving a 50% increase in data extraction efficiency. This reflects my ability to blend technical expertise with analytical thinking, enhancing data quality for AI applications.Worked with multidisciplinary teams to apply scientific and statistical techniques in feature engineering, resulting in 30% of the current features and reducing feature creation time from 3-4 hours to 2-3 minutes. This demonstrates my collaborative spirit and my role in streamlining AI workflows to drive business value.Built, trained, and optimized machine learning models, achieving over 90% accuracy, recall, and precision, underlining my expertise in deploying AI to enhance product capabilities and business outcomes.Generated realistic synthetic data using AI algorithms such as Variational-Auto Encoders (VAR), SMOTE, & GANS, overcoming data scarcity challenges and enhancing model training processes. This innovative approach to AI application showcases my creativity in solving critical data challenges.Deployed and maintained trained models on the cloud using AWS and developed data dashboards with Plotly, Dash, Flask, and Heroku, providing vital data insights and statistics. This experience demonstrates my proficiency in cloud technologies and data visualization, essential for delivering AI-driven business solutions.	
Celebrite Data Science Intern	Israel Oct 2021 – Dec 2021
<ul style="list-style-type: none">Developed a program that generated realistic smartphone data such as text, speech, and images, for in-house product testing.Developed AI generative 'topic specific' chatbots, using NLP techniques and LLM models such as GPT2 & DialoGPT.Generated realistic Text-to-Speech models using tacatron2 and voice cloning Neural network models.Designed and researched authentic Social-Network models using modules such as networkX.Utilized and improved image processing algorithms to generate realistic fake faces and images using NN models such as StyleGAN.	

Skills

Language: English (MT), Hebrew (Fluent)

Technical Languages: Python, Sql, Matlab, Java, R.

Data Skills: Data Analysis, Data Visualization, Statistics, Machine Learning, Deep Learning, Cloud Computing, Data Cleaning, Feature Engineering, Model Development, Computer Vision, NLP, LLMs, OCR.

Python Module: Pandas, NumPy, scikit-learn, Tensor Flow, Matplotlib, Seaborn, Plotly, Flask.

Interpersonal: Problem Solving, Critical Thinking, Communication, team-player, creative, Time Management.