**[Avner A](https://avneradda.wordpress.com/)**[**dd**](https://avneradda.wordpress.com/)**a**

**Data Scientist**

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**WORK EXPERIENCE**

**2022-2024 Data Scientist Deloitte** Tel-Aviv

* *Implemented a data cleansing solution to mask sensitive information on documents using* ***NLP method*** *(NER).*
* *Providing data-science consulting and solutions to a wide variety of clients (Life Sciences, banking, etc.).*

**Tools**: Python, [AWS](https://www.credly.com/badges/ae7f1c76-96fb-487e-9adb-742347a6eb55), [GCP](https://google.accredible.com/9de117cd-79c1-4d5d-beed-578890256ac7), Spark, NoSQL, T-SQL, Tableau, PowerBI, Dataiku, [NVIDIA](https://courses.nvidia.com/certificates/02a9c5fa944448549f7e4df6ea931d0a/), Git, LLMs

**2020-2022 Data Scientist Adopt-a-Contractor** Netanya

* *Leading company's machine learning projects and their releases into production.*
* *Implementation of machine learning algorithms to detect and reduce fake requests and predict prices.*

**Tools**: Python, MySQL, ElasticSearch, Linux, AWS, Git

**2020 Data Scientist PowToon**  Tel-Aviv

* *Detected anomalies using time series algorithms and testing its robustness using Python and AWS environments.*
* *Retrieved BI data warehouse using SQL, build the data history to map the behaviour of KPI’s over time.*

**Tools**: Python, SQL, AWS, PostgreSQL, Snowflake, Git

**2018-2019 Business Analyst** **AXA** Paris

* *Optimized existing actuarial applications and internal models (from 2 hours running time to 20 minutes).*
* *Implemented innovative solutions for global entities and presented data to understand users’ interactions.*

**Tools**: R, Python, Word, Excel, Git

**2017-2018 Data Analyst**  **qSpark**  Tel-Aviv

* *Researched state-of-the-art high frequency trading concepts and securing of different part of algorithms.*
* *Designed and implementation of cryptocurrency algorithms and of a dashboard using R Shiny.*

**Tools**: R, Python, SQL, MySQL, Microsoft Office, Git

**2017-2018 Data Analyst**  **Metori Capital AM** Paris

* *Analysed and visualized financial data including metrics. Optimized portfolio using diversification methods.*
* *Web application conception using R Shiny and Microsoft Azure server.*

**Tools**: R, MySQL, Microsoft Azure, Git

**2016-2017 Data Scientist**  **Société Générale** Paris

* *Implemented algorithms to predict the credit grant of a client using different features (prediction: 85%).*
* *Comprehended machine learning algorithm using R and* [*certification of skills*](https://avneradda.files.wordpress.com/2018/10/statement.pdf) *from Stanford University.*

**Tools**: R, Python, MySQL, Git

**EDUCATION**

**2019 - 2020 Israel Tech Challenge, Data Science Program** – *A full-time training course in collaboration with leading tech companies, which qualifies talented STEM MSc graduates as professional Data Scientists. Focus is hands-on experience and skillset in Machine Learning, Deep Learning, Natural Language Processing (NLP), Computer Vision and more, through research, self-led learning, and teamwork.*

**2013 - 2018 ESILV, Master’s Degree Sc. Applied Mathematics & Computer Science** – *Curriculum entailing the consideration of the main trends observed in the banking industry and in the job market, such as high-frequency trading and new risk management becoming more complex with new financial directives and with the FinTech emergences. Coupled with Data Science courses in supervised and unsupervised learning, projects with companies.*

**TECHNICAL SKILLS**

**Programming languages:** Python, R, SQL, VBA, SAS

**IDEs:** PyCharm, Jupyter, VS Code.

**Technological skills:** MySQL, Git, R Shiny, Linux, Dataiku, Docker, Spark, AWS, GCP, Tableau, Snowflake, MongoDB.

**Others:** Microsoft Office, Bloomberg.

**ADDITIONAL INFORMATION**

**Language**: English, Fluent. Hebrew, Intermediate. French, Native.  
**Data Science project**: Predict genre of songs (Deep Learning, CNN, XGBoost), fraud detection inference and prediction (K-means, PCA), Recommendation System for food products (nutritive and price).

**Extra-activities**: Volunteering, Mathematics private tuition, Soccer, Krav-Maga, Gaming.