Gabriel Gauci Maistre

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Experience

Tipico   Malta
Data Scientist   Jul 2018 - Present

- Improved the team's time-to-deploy by introducing version control and peer reviews, code guidelines, linting, code modularisation, virtual environments and containers, and moving towards the use of IDEs instead of notebooks running in production
- Developed a Spark application to leverage customer preferences and serve match recommendations to reduce customer effort
- Extended the business's data with 3rd party data sets such as demographics for use in location analysis projects
- Developed common libaraies that are used in multiple data science models allowing the team to speed up development and reduce the amount of duplicate work
- Provided tools for the retail department using data science models to allow them make key decisions based on data rather than gut feeling

Tipico   Malta
Data Analyst   Sep 2017 - Jun 2018

- Developed data integrations for multiple HR systems allowing the business to access their data from one central location
- Automated data quality checks across HR group, allowing the business to quickly correct incorrect figures and report correctly to stakeholders
- Designed interactive dashboards for analysing HR data in one central location
- Automated various manual reports, allowing recruiters to track their KPIs in systems where reporting capabilities were not available, and thus reduce their time to hire
- Developed a web application to automate group wide headcount budgeting
- Identified GDPR gaps within HR data processing and implemented procedures for full compliance across the group

Skills

Programming Languages:	Python, Bash, Java, C#
Spoken Languages:	English, Maltese, Italian
Analytics:	SQL, Excel, IPython, QlikSense, GeoSpatial Analysis
Web:	HTML/CSS/JavaScript, Flask
Other:	AWS, Git, Redshift, Docker, Spark

Projects

Predicting Market Turnover *Python, Scikit-Learn*
https://github.com/gabegm/Predict-Market-Turnover
Candidate test to predict market turnover for the Bundesliga season 17/18

Headcount Planning and Management System *Python, Flask*
https://github.com/gabegm/Headcount-Planning-Management-System
Create effective hiring plans, identify gaps, and align with financial performance and business goals

Data Driven Automated Algorithmic Trading *Python, Zipline*
https://github.com/gabegm/Data-Driven-Automated-Algorithmic-Trading
Designed and automated an algorithm to trade the stock markets for my bachelor thesis project

Education

Malta College of Arts, Science, and Technology   Malta
B.Sc. (Hons) Software Development   Sep 2014 - Jun 2017

References

Christoph Haene, Tipico   (41) 78 764 75 73
Manager   Jul 2018 - Apr 2019

Ruby Muscat, Tipico   (356) 99 805 821
Manager   Sep 2017 - Jun 2018