Davide Motta

I'm a 26-year-old data science enthusiast. I strive to build my professional career on this glamorous topic and I'm nurturing data science knowledge day by day. I'm creative, genuinely berserk and eclectic: I play the piano, banjo, guitar and I love cycling and reading as well as solving tricky riddles.

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k Kaggle

⚙ WORK EXPERIENCE

Data Scientist and Demand Planner
2021 - PRESENT

EssilorLuxottica - *Agordo, Italy*

Managing short-term demand forecasting for wholesales channel and developing brand-new data-science-based analysis abusing Python and maths expertise.
- One of the eight **selected profiles** for a **Data Science Supply Chain programm** in collaboration with "La Sapienza" University. Final presentation to the COO.
  - Learning how to structure a 4-hands project and to build suitable statistical-mathematical models according to real business needs.
  - *1st w.:* Studied bags efficiency through statistical indicators, data visualization, and machine learning models.
  - *2nd w.:* Developed a new algorithm for improving woc calculation via custom linear regression. **Saved** up to **8% of stock** on the main brands.
- **Improved KPIs** of about 5-10% points via ad hoc sales reliability analysis exploting Python, stats and never-used deep data.
- Working closely with Product, Distribution and S&OP to forecast the demand and **gather market insights** for global wholesales channel.
- Supporting the **development of the forecasting tool** and continuous improvement initiatives by working aside the software house.
- Evolving **managerial soft skills** through mentoring new recruits.
- Working to **coordinate and improve communication** with the 4 sister teams scattered around the world via weekly calls and sharing the best practices.
- **Saved up to 4 hours per week of work** by automating repetitive tasks with Python.

Academic Tutor
2018 - 2020

University of Padua - *Padua, Italy*
Selected tutor for Linear Algebra lectures to engineering students.
- **Coordinated schedules and lectures** to prepare the students for the final exam.

Private Teacher
2013 - PRESENT

Freelance - *Schio, Italy*
- Earning the economic resources to **invest in studies, and passions**

🎓 EDUCATION & QUALIFICATIONS

2018 - 2020

M.Sc in Mathematics - *Department of Mathematics "Tullio Levi-Civita" , University of Padua*
Final mark: 110/110
- Developed programming skills in Python: handled and analysed data for data science purposes as data mining, statistical learning and supervised learning via courses and personal studies and scripts (e.g. built a tree-based model to recognize the lower/upper case of a letter).
- Speeded up problem solving abilities via exams and assignments with strict deadlines.

2015 - 2018

B.Sc in Mathematics - *Department of Mathematicsa "Tullio Levi-Civita" , University of Padua*
- Achieved the ability to understand, and solve real-world problems using mathematical models.

</> INFORMATIC SKILLS

ADVANCE   Python (Pandas, Numpy, Scipy, Sklearn, Seaborn, Statsmodel), LaTeX, Excel
GOOD   Mathematica, C++, MatLab, Access, PowerBI
BASIC   SQL, SAP; BusinessObject (BOXI)

🔤 LANGUAGES

English: B2 (certificated)
Italian: MTL

🏆 AWARDS

Scholarship for merit granted by Banca Alto Vicentino Scholarship for merit granted by Comune di Schio

♥ VOLUNTARY EXPERIENCE

SERMIG (Turin)
Humanitarian Aid packaging worker
Experienced supportive team-working

⚙ INTERESTS

Sports - football, futsal, cycling, skiing, surfing
Music - Piano, guitar, banjo, ukulele, violin
Gardening