

Michael Teixeira

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Personal Profile

Data enthusiast transitioning into Machine Learning and Data Science, with strong analytical mindset and problem-solving abilities developed through hands-on construction experience. Currently pursuing Graduate Certificate in Data Science, combining academic knowledge with practical projects. Demonstrated ability to learn new technologies and apply data-driven solutions.

Technical Skills

- **Programming Languages:** Python, R, SQL.
- **Machine Learning:** Regression, Classification, Clustering, Time Series Analysis.
- **Visualization Tools:** Tableau, Power BI, Looker, Seaborn, Plotly.
- **Databases:** MySQL, PostgreSQL, MongoDB.
- **Development Tools:** Jupyter Notebook, Git, VS Code.
- **Business Tools:** Advanced Excel, GA4.

Education

Graduate Certificate in Data Science - GC173KP19 RMIT, Melbourne, Australia	July 2024 – Feb 2025
<ul style="list-style-type: none">• Focusing on advanced data analysis techniques, statistical modeling, and machine learning applications.	
Google Advanced Data Analytics Professional Certificate Coursera Online Platform - Remote, Australia	April 2024 – Nov 2024
<ul style="list-style-type: none">• Advanced Python programming for data analysis.• Statistical methods and machine learning fundamentals.• PACE framework implementation.	
Google Data Analytics Professional Certificate Coursera Online Platform - Remote, Australia	Nov 2023 – April 2024
<ul style="list-style-type: none">• Mastered full data analysis lifecycle.• Completed 8 specialized courses in data analytics.	
Certificate IV in Information Technology Escola Secundária de Vouzela, Portugal	2010-2013

Data Analyst Project

Cyclistic Bike-Share Analysis, Australia <i>Analysed rider behaviour data to drive membership growth for a major shared bike company.</i>	April 2024
<ul style="list-style-type: none">• Tools: R for data manipulation, Tableau for visualizations.• Identified distinct usage patterns between casual riders and annual members.• Recommended data-driven strategies to increase membership numbers.• Developed interactive dashboards to visualize key findings.	

For further details:

LinkedIn article: [Click here.](#)

GitHub repository: [Click here.](#)

Tableau presentation: [Click here.](#)

Work Experience

Trading Analyst / Market Research <i>Independent Project, Melbourne</i>	Oct 2020 – July 2024
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- Developed analytical models using technical indicators and market patterns to identify trading opportunities.
- Built Excel-based systems for data tracking and performance analysis.
- Conducted statistical analysis of market data and technical indicators.
- Implemented systematic approach to risk management and position sizing.
- Utilized data visualization tools to analyse market trends and patterns.

Key Projects:

- Created automated dashboard for real-time market data analysis using Excel and Google Finance.
- Developed systematic approach to market analysis using technical indicators.
- Performed statistical analysis of various trading strategies and market conditions.

Other Employment History | Further details available upon request

- **Formwork Carpenter, Australia** | Adcon Group Australia | 2020 -2022
- **Hybrid Fibre Coaxial (HFC) Technician, Australia** | TexGo Solutions, Pty Ltd | Jun 2017 - Dec 2019
- **Formwork Carpenter, Australia** | Wideform Pty, Ltd | 2013 -2017
- **IT Technician Internship** | Municipal Council of Vouzela (Portugal) | Apr 2013 - Aug 2013

References

Upon request