

Summary

The position of Senior Data Scientist on the Advanced Analytics team represents an exciting opportunity to work for a world-leading QSR brand. This role will be based at Domino's HQ in Hamilton QLD. The role will provide support for Domino's (DPE) markets, including ANZ, European and APAC markets. We seek a candidate that is customer-focused, quantitatively savvy, and who can generate actionable insights from vast amounts of data leveraging Machine Learning and statistical techniques. A successful candidate will be a strong communicator and have the ability to work cross-functionally within the Domino's (DPE) organisation.

The Role

Apply statistical techniques and machine learning approaches to a wide variety of business problems, particularly in the pricing space
Compile insights and recommendations into clear, concise deliverables for internal business partners and present results in a clear manner to senior leadership
Develop, implement and maintain pricing elasticity, optimisation, and revenue management models and techniques
Develop and implement analytical assets in a Cloud environment in line with best practices developed by DIA
Leverage DPE's customer data and ML platforms to build customer analytics models and measure business-relevant customer metrics

The Ideal Candidate

- PhD or Master's degree in Statistics, Mathematics, Data Science, Computer Science, Engineering, or a field of similar quantitative nature
- Experience creating and using statistical and machine learning methodologies such as: predictive modelling (using GLM and ML), A/B testing, Design of Experiments, segmentation and targeting, dynamic pricing
- Knowledge of advanced statistical techniques and concepts (properties of distributions, statistical hypothesis testing, experimental design) and experience applying these
- Proficiency in SQL
- Experience leveraging statistical programming languages R and/or Python for analyses (with in-depth knowledge of at least one)
- Experience with data visualisation tools, such as Power BI, ggplot, seaborn; and experience articulating and presenting data, analyses, and technical concepts to a senior audience
- Excellent written and verbal communication

(Highly) Desirable:

- Knowledge of Cloud Technologies (Azure ML notebooks)
- Experience in the Pricing domain

Key Internal Relationships

- DIA Leadership
- DPE Leadership Teams
- Other Centres of Expertise
- Data scientists in the AA team
- Customer Insights Analysts
- Analysts in the Shared Services Centre