Barry Quinn

Senior Lecturer (Associate Professor)

Summary

- I am a data scientist who teaching students how to use data and analytics to make good decisions.
- I help students become better future employees and become smarter with data.
- I research new ways to use data and statistics to help people in areas like banking, fintech, and sport.
- I engage with company to help them develop their digital and data analytic capabilities.

Education

2019 **Charter Statistician**, *Royal Statistical Society*, London.

2012 **PhD Finance**, *Queen's University Belfast*, Belfast, N.Ireland.

2006 **Master in Finance**, *RMIT University*, Melbourne, Australia.

1995 **BSc Accounting**, *Queen's University Belfast*, Belfast, N.Ireland.

Experience

Queen's University Belfast
2010-Present, *Senior Lecturer in Finance, Technology and Data Science*, Director of Finance, Technology and AI lab; Teaching advance data science, algorithmic trading and investment, AI in trading, and machine learning for finance; Associate Research Fellow Global Innovation Institute; Founder and Faculty Advisor for Queen's Student Managed Fund.

Janus Henderson Investors
2000-2004, *Liquidity Manager*, Responsible for dynamic currency hedge analytics, liquid risk management and authorised algorithmic hedge portfolios.

Janus Henderson Investors
1998-2000, *Unit Trust Dealer*, Execution Unit Trust, Investment Trust and OEIC deals and dealing system management.

City Financial Partners
1995-1998, *Financial Adviser*, Financial planning at for retail and corporate clients.

Corporate research projects

Research Associates Inc	**E.S.G fair value analytics platform: using state-of-the-art financial data science and business analytics to an fair-value ESG prediction engine**, *£173,000*, 2022.
Citigroup	**Anomaly detection of large heterogeneous trading transaction and commmunication data**, *£945,000*, 2019.
FundAxis Ltd	**Financial Tail Risk Analytics, AI and financial machine learning**, *£173,000*, 2022.
Pearlai Ltd	**AI and Advanced Retail Analytics**, *£165,000*, 2018.
Core Credit Union	**How AI innovation affect a highly valued financial service provision experience**, *£70,000*, 2021.

Publications

1. Rym, Ayadi, Sami, Ben Naceur, Barbara, Casu, & Barry, Quinn. (2015). A study on international regulatory compliance and bank prerformance. *IMF Working Paper Series*. http://www.imf.org/external/pubs/ft/wp/2015/wp15100.pdf
2. Rym, Ayadi, Ben, S., Naceur, Barbara, Casu, & Barry, Quinn. (2016). Does Basel compliance matter for bank performance? *Journal of Financial Stability*, *23*, 15–32. https://doi.org/10.1016/j.jfs.2015.12.007
3. Ronan, Gallagher, & Barry, Quinn. (2019). Regulatory own goals: the unintended consequences of economic regulation in professional football. *European Sport Management Quarterly*, *20*(2), 1–20. https://doi.org/10.1080/16184742.2019.1588344
4. Quinn, B., Gallagher, R., & Kuosmanen, T. (2022). Lurking in the shadows: The impact of CO2 emissions target setting on carbon pricing in the Kyoto agreement period. *Energy Economics*, 106338. https://doi.org/10.1016/j.eneco.2022.106338
5. Jiadong, Liu, Fotis, Papailiasb, & Barry, Quinna. (2021). Direction-of-change forecasting in commodity futures markets? *International Review of Financial Analysis*, *74*, 101677. https://doi.org/10.1016/j.irfa.2021.101677
6. G, D., McKillop, & Barry, Quinn. (2015). A Sustainable Business Model Strategy for Irish Credit Unions: Does One Size Fit All? *Queen's Centre for Not-for-Profit and Public Sector Research Working Paper Series*. https://doi.org/10.2139/ssrn.2667505
7. G, D., McKillop, & Barry, Quinn. (2017). Irish credit unions: Differential regulation based on business model complexity. *The British Accounting Review*, *49*(2), 230–241. https://doi.org/10.1016/j.bar.2016.07.001
8. G, D., McKillop, & B, Quinn. (2015). Web Adoption By Irish Credit Unions: Performance Implications. *Annals of Public and Cooperative*, *86*(3). http://qub.org.uk/schools/QueensManagementSchool/OurResearch/ResearchandResearchers/WorkingPapers/Papers/Filetoupload,470703,en.pdf
9. Donal, McKillop, Declan, French, Barry, Quinn, L, A., Sobiech, & S, J. O., Wilson. (2020). Cooperative financial institutions: A review of the literature. *International Review of Financial Analysis*, *71*, 101520. https://doi.org/10.1016/j.irfa.2020.101520

10. Colin, J., Glass, G, D., McKillop, & Barry, Quinn. (2014). Modelling the Performance of Irish Credit Unions, 2002 to 2010. *Financial Accountability & Management*, *30*(4), 430–453. `https://doi.org/10.1111/faam.12041`
11. C, J., Glass, G, D., McKillop, B, Quinn, & J, Wilson. (2014). Cooperative bank efficiency in Japan: A parametric distance function analysis. *European Journal of Finance*, *20*(3), 291–317. `https://doi.org/10.1080/1351847x.2012.698993`
12. Barry, Quinn, Alan, Hanna, & Fred, MacDonald. (2018). Picking up the pennies in front of the bulldozer: The profitability of gilt based trading strategies. *Finance Research Letters*, *27*, 214–222. `https://doi.org/10.1016/j.frl.2018.03.019`

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