Kelsey Gonzalez, PhD

 kelseygonzalez | in kelseygonzalez | 🌐 kelseygonzalez.github.io | ✉ drkelseygonzalez@gmail.com

HIGHLIGHTED WORK EXPERIENCE

International Business Machines (IBM)

AI Advisory Product Manager, People Analytics, Chief Analytics Office   2024 – Present

– Identify and prioritize internal data science product solutions to leading to 100k annual hours of time saved by HR Professionals

– Design long-term product roadmap of internal generative AI chatbot solution and manage day-to-day operations to build with excellence leading to a successful product pilot for UAT

Lead Data Scientist / Tech Lead, Finance & Planning, Chief Analytics Office   2023 – 2024

– Orchestrated the evaluation and deployment of 36 data inference and scoring pipelines dedicated to revenue forecasting across all business units and revenue streams, totaling $50B in Revenue. Leveraged diverse databases and cubes, employing time-series models that resulted in the timely delivery of 52 weekly forecast assessments throughout 2023

– Engineered a comprehensive revenue forecasting explainability Cognos dashboard tailored for C-level finance and sales executives. Translated complex model insights into human-readable content and integrated natural language generation (NLG) explanations that have already proven instrumental in shaping sales goals and financial targets

– Facilitated weekly code review sessions, directed code release management procedures, thoroughly maintained process documentation and coached a team of 8 data scientists, enhancing their technical skill set and contributing to a 10-hour reduction in the weekly workload

Senior Data Scientist, People Analytics, Chief Analytics Office   2021 – 2023

– Led worksteam and established workstream vision, roadmap and OKRs and ensured data science product aligns with user and stakeholder needs; coordinated with front-end developers to launch product from PoC to MVP to Production, impacting 270k IBMers

Posit, PBC

Academy Data Science Mentor   2022 – Present

– Empower analysts to learn R and Python and expand their programming skillset

– Reinforce complex programming concepts by facilitating discussion and fostering a community of learners

EDUCATION

2022	PhD	University of Arizona	Tucson, AZ
2016	MPhil	Trinity College, Dublin	Dublin, Ireland

TECHNICAL SKILLS

Programming Languages	Python: pandas - NumPy - scikit-learn R: tidyverse - dplyr - tidymodels SQL - LaTeX - Bash - Zsh
ML Expertise	Machine Learning: Classification, Regression, Unsupervised Learning, NLP Data Visualization: Static, Interactive, Plotly and Shiny Dashboards
Software Development	Testing & Validating: pytest - pandera - EvidentlyAI - mlflow MLOps: Docker, Podman, Openshift, pipenv, cronjobs, cloud object storage