ROHAN DANIS-COX

Data scientist with passion for problem solving using data science and analytics. I believe strongly in leveraging analytics to drive a deep domain knowledge, ensuring data science is targeted, feasible and value driven. My professional and academic background covers financial services, property and consumer protection. I am keen to gain exposure in health care, energy and regional planning.

💼 PROFESSIONAL EXPERIENCE

Data Scientist

Commonwealth Bank of Australia - Technology   📍 Sydney, NSW

Present | Feb 2021

- Responsible for leading and delivering data science opportunities for Technology's operations functions
- Reducing $250k - $1mil project cost exposure by mining and simulating internal processes to identify process breakdowns and improvement opportunities
- Reducing $1-5mil p.a. write-off exposure by forecasting chargeback representments and predicting impact to payment processing teams
- Reducing $250k - $1mil project cost exposure by leading team of 2 associate data scientists to uncover themes in complaints & reworked home loan processing
- Coaching and mentoring 3 associate data scientists by directing their project delivery and working with them to plan and accomplish their development goals

Associate Data Scientist

Commonwealth Bank of Australia - Enterprise Services   📍 Sydney, NSW

Feb 2021 | Feb 2020

- Responsible for delivering analytics and data science opportunities for Enterprise Service's (Technology) line 1 risk function
- Reduced risk of significant Privacy Act penalties and manual effort by 40% by identifying 2 missed data breaches each day using NLP and deep learning
- 40x reduction in manual effort by building and maintaining a comprehensive RShiny dashboard for operational risk relied on by over 100 CBA risk managers and executives
- Reduced risk of operational risk initiatives failing to be completed on time by 7% by accurately predicting which initiatives were most likely to miss deadlines
- Improved insight and agility by rapidly building bespoke Rmarkdown presentations for ad-hoc / semi-regular analytics

Analyst / Senior Analyst

National Australia Bank   📍 Sydney, NSW

Jan 2020 | Nov 2016

- Designed and implemented Learning Needs Analysis application to manage training framework required under ASIC enforceable undertakings
- Designed and implemented interactive General Advice application to guide phone and quality assurance staff through best practice to ensure quality and consistency
- Enhanced audit regime for Quality Assurance through Monitoring and Supervision key working group responding to ASIC Report 515
- MLC Wealth - Direct Advice Employee of the Year 2018

Financial Planning

Various Employers   📍 Sydney & Canberra

Nov 2016 | Apr 2012

- Practice Manager - Strategic Private Wealth (Dec 2015 - Nov 2016)
- Financial Adviser - Dixon Advisory (Jun 2014 - Jul 2015)
- Paraplanner - Dixon Advisory (Apr 2012 - Jun 2014)

CONTACT

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EDUCATION

Master of Data Science
University of Technology
2017 - 2021
GPA 6.92
® Innovation Lab - NSW Property

Bachelor of Finance
Australian National University
2007 - 2011
GPA 5.54

PROGRAMMING

R	●●●●●◐
Python	●●●●●○
SQL	●●●●◐○
HTML	●●●○○○
CSS	●●●●○○

TOOLING

Tidyverse	●●●●●●
Shiny	●●●●●◐
Git	●●●●◐○
HDFS	●●●○○○
Apache Spark	●●●○○○
Tableau	●●◐○○○
H2O AI	●●○○○○