

# Dean Marchiori

STATISTICIAN | DATA SCIENTIST

BSc(Math)(Medal), MAppStat, MAppFin, AStat

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## Experience

### Endeavour Energy

DATA ANALYTICS MANAGER

- Leading Endeavour's first data science team

Sydney, Australia

Apr 2021 - Present

### Endeavour Energy

SENIOR DATA SCIENTIST - VEGETATION

- Bush fire risk modelling on the electricity grid
- Vegetation management optimisation and risk modelling
- Developed time series models for weather anomaly detection across the network.

Sydney, Australia

Oct 2019 - Apr 2021

### Internetrix

HEAD OF DATA SCIENCE

- Led 2 x major research projects with the University of Wollongong SMART Infrastructure Facility
- Product development of real time anomaly detection software
- Advanced statistical modelling and consulting

Wollongong, Australia

Mar 2018 - Oct 2019

### IRT Group

SENIOR STATISTICIAN

- Unsupervised ML / Clustering / Segmentation
- Queuing Simulation & Wait-Time Optimisation
- Experimental Design & AB Testing

Wollongong, Australia

Nov 2016 - Mar 2018

### ANZ Banking Group

SENIOR DATA ANALYST

- Advanced statistical modelling
- Built marketing campaign analysis apps (Shiny)
- Programming in R, SAS, SQL

Sydney, Australia

May 2014 - Oct 2016

### ANZ Banking Group

BUSINESS INTELLIGENCE ANALYST

- Designed call centre and queuing optimisation methods
- Completed time series analysis
- Implemented major telecommunications technology project

Sydney, Australia

Oct 2012 - May 2014

### ANZ Banking Group

EQUITIES TRADER

- Trading domestic and international equities, warrants, managed funds

Sydney, Australia

Jun 2011 - Oct 2012

## Organisations

### Statistical Society of Australia

ACCREDITED STATISTICIAN

- Holds the 'Accredited Statistician' professional accreditation
- Committee Member - Statistical Computing and Graphics

Australia

2020

### CSIRO Mathematicians in Schools

MATHEMATICS CONSULTANT

- Implemented intro coding/robotics program (EDISON) & basic maths for primary schools students.

Wollongong, Australia

2015

### JCI Illawarra

DIRECTOR OF FINANCE

- Co-Launched JCI MentorMe mentoring program

Wollongong, Australia

2011

### St John Ambulance Australia (NSW)

FIRST RESPONDER

- Over 500hrs as front line first responder to medical emergencies
- Received Order of Australia Commendation and Young Australian of the Year Award (Shoalhaven)

NSW

2006

## Education

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### Macquarie University

MASTER OF APPLIED STATISTICS

- GPA of 6.87 out of 7

*Sydney, Australia*

*2020 - 2021*

### Charles Sturt University

BACHELOR OF SCIENCE (MATHEMATICS)

- Undergraduate University Medal Recipient
- GPA of 6.87 out of 7
- Mathematics Major
- Statistics Minor

*Bathurst, Australia*

*2013 - 2017*

### Kaplan Professional

MASTER OF APPLIED FINANCE

- Major in Financial Markets and Trading
- Graduated with Distinction

*Sydney, Australia*

*2010 - 2013*

## Awards & Achievements

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### AWARDS

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|------|--|
| 2021 | Macquarie University Award for Academic Excellence |
| 2019 | Placed #8 in Top 25 Analytics Leaders in Australia |
| 2017 | Undergraduate University Medal                     |
| 2017 | Faculty of Science - Executive Dean's List Award   |
| 2016 | Faculty of Science - Executive Dean's List Award   |
| 2015 | Faculty of Science - Executive Dean's List Award   |
| 2005 | Order of Australia Certificate of Commendation     |
| 2005 | Young Australian of the Year (Shoalhaven)          |

*MQ*

*IAPA*

*CSU*

*CSU*

*CSU*

*CSU*

*Order of Australia*

*Aust. Day Council*