



## Corey Scholes

Chief Science Officer, EBM Analytics

- ▶ Sydney, Australia
- ▶ Australian
- ▶ Married

## Skills

R 3+ yrs.

Stata 2 yrs.

Google Cloud 4 yrs.

Lua 1 yr.

Rmarkdown 6 yrs.

Quarto 1 yr.

Data Analysis 9 years

Web Scraping 8 yrs.

Web Development 8 years

## Tools

- ▶ Git
- ▶ RStudio
- ▶ Clinical Research
- ▶ Research Governance

## Summary

**Scientist and Analysis Executive** with 15 years of experience bridging the gap between clinical research and evidence-generation with routine practice across diverse settings. A collaborative leader with the ability to communicate technically across multidisciplinary teams and influence behaviour change to embed data-driven practices into long-term strategies. An experienced consultant assisting executive teams to bring about change within their own organisations through strategic planning and implementation of complex systems.

## Experience

### Director

EBM Analytics

2016 - Present

I am coordinating a project to build an Open Science platform with reusable code and tutorials to analyze digital behaviour data. I am also doing research on Open Science practices and I implement tools to enhance reproducibility and make methods accessible in R

### Chief Science Officer

EBM Analytics

2020 - Present

I did research on Disinformation on Social Media which involved the analysis of large scale and unstructured data sets with R and Bash

### Principal Consultant

EBM Analytics

2016 - Present

I developed new methods to analyze social networks and I gathered and analyzed large datasets from Social Media APIs

### Director of Research

Sydney Orthopaedic Research Institute

2009- 2016

I developed new methods to analyze social networks and scraped, harmonized, and analyzed a large corpus of football data

### Ph.D. Candidate

Department of Computer & Information Science  
University of Konstanz

11/2012 - 09/2015

I developed new methods to analyze social networks and implemented these methods in R packages using R and C++

## Projects

See my github profile for a comprehensive list of open source projects.

### R packages

Creator and Maintainer

edgebundle, graphlayouts, levelnet, netrankr, netUtils, networkdata, PSAWR, roughnet, roughsf, rtoot, Rtumblr, signnet, snahelper, webbotparseR, webtrackR

### R packages

Contributor

backbone, gggraph, multigraphr, netropy, rang, rgraph6

## Education

2010

**Ph.D. Exercise Science**

Queensland University of Technology

Thesis: The effects of muscle fatigue on knee function during landing

2004

**Bachelor Applied Science (Hons)**

Queensland University of Technology

## Contact

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### Quarto extensions

Creator and Maintainer

Academicons (shortcodes), Blackboard (revealjs theme), sketchy (html theme), share buttons (filter), nutshell (filter), quartocities (website template), quartocv (cv templates)

### soccerverse.com (football analytics website)

Creator and Maintainer

Manual and automated gathering of football results around the world, Harmonizing data (e.g. club names and managers), Implementation of ranking algorithms, Predicting of league tables and matchforecasting, Uses R, JavaScript, HTML, and CSS, around 1000 visitors/month