

Dr. Fonti Kar (she/her)



Women in Data Science Worldwide

@ AustralianData Science Network

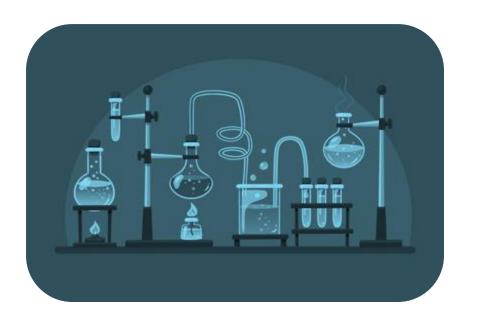
I never thought I'd be a data scientist...



it takes a village



- mum-run classes (Chinese, English, Math and Art)
- fostered curiosity and interest across all subjects
- subjects didn't feel "gendered"







high school

The Rotary National Science + Technology Forum "geek camp"

- patient Chemistry teacher
- opportunities for underrepresented people to explore STEM subjects early on





"work with nice people"





masters "work with nice people"

- behavioural ecology + animal cognition
- R stats + git







DANIEL BATEMAN

THE first rule of Lizard Fight Club: you don't talk about Lizard Fight Club.

Second rule of Lizard Fight Club: you don't talk about Lizard Fight Club, unless you have to present your work at an international conference.

A scientist has taken reptile research to the next level, revealing at the Behaviour 2015 conference in Cairns this week that she masterminded a skink agematch in her laboratory. me of science.

University postrcher Fonti Kar



WRESTLE MANIA: Male eastern water skinks have been shown to fight for

lifted, it was game scaly subjects.

"I just watched u one ran away from one," she said.

She said skinks each bout - which involved wrestling as increased their char ing victorious in later

"It's a bit like matches, when peop winning streak," she

"It suggests indiv won previously feel vated ... even cocky. "So they're mor

act more aggressively quent contests. So amped and want to f

"To an opponen be very intimidating. Ms Kar assured



masters





"work with nice people"

- behavioural ecology + animal cognition
- R programming + git

phd try everything

– major leveling up

evolutionary biology + ecophysiology



















postdoc

trust your ability

- bushfires +COVID-19





postdoc

trust your ability

- bushfires +COVID-19
- pivot to R programming







sizedist





ohwhaley







postdoc

trust your ability

- bushfires +COVID-19
- pivot to R programming
- package/library development





sizedist









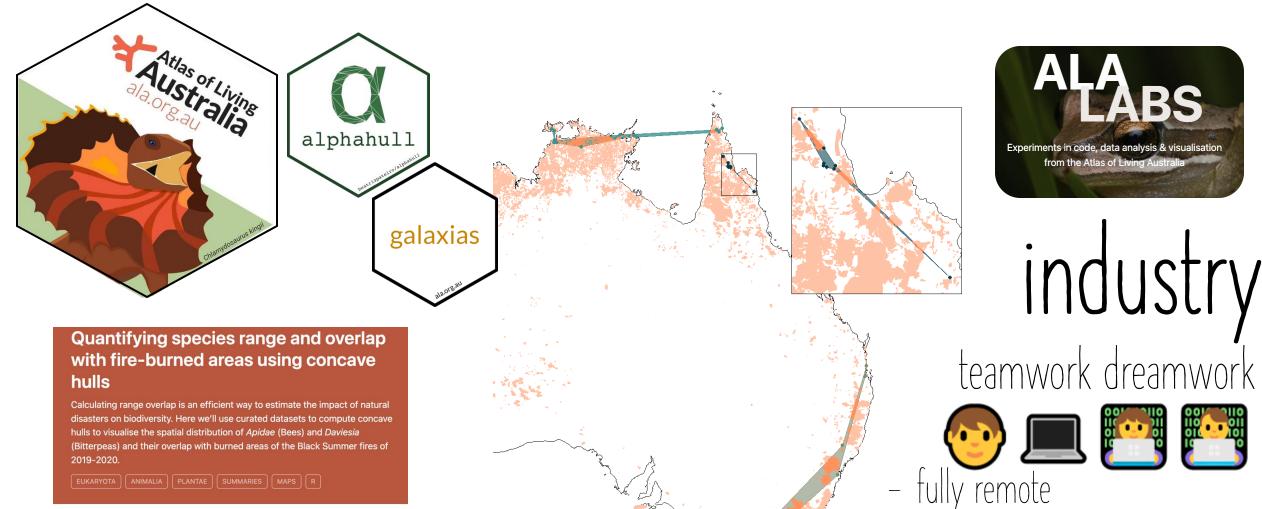




postdoc

trust your ability

- bushfires +COVID-19
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INVERTEBRATES AUSTRALIA

Exoneura (Exoneura) hackeri

Austroplebeia cassiae

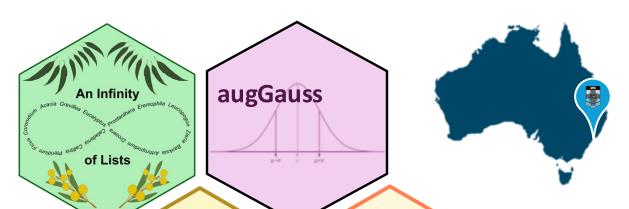
Author

Fonti Kar Margot Schneider

Date 11 April 2023 - solving data science problems

- conservation biology

Xylocopa (Koptortosoma) aruana





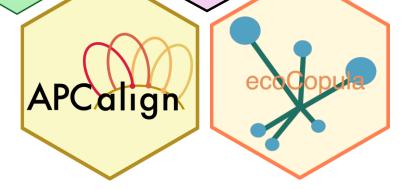






- R packages + Shiny applications
- responsibilities

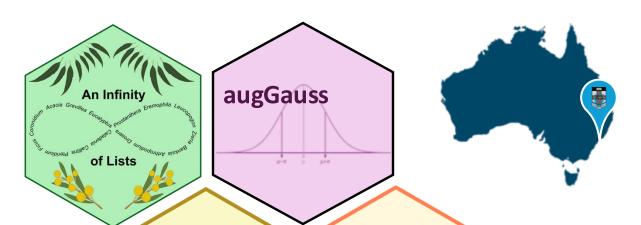




postdoc 2.0 bet on yourself



There have been 382 species observed (247 genera; 101 families) with 143 collections of 59 species and 1898 photographic or audio records of 370 species. Of the 382 species observed, 280 are considered native to Australia.







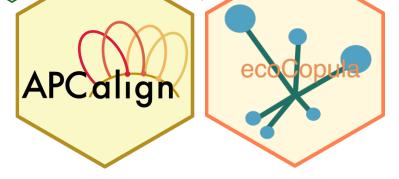




- R packages + Shiny applications
- responsibilities



- international data science conferences



postdoc 2.0

bet on yourself



- leading a small team



analytics manager

- contribute to something good

do mildly scary things

where are the hotspots

that we can conserve?



INVERTEBRATES AUSTRALIA





what are our wins?

- celebrating + showcasing diversity



- increased public awareness
- increased support for women









support needs to be diversified



NEED WIVES. AND MEN NEED LIVES



THE WIFE DROUGHT Annabel Crabb

'Crabb is an excellent writer, and the book is penned with the wry wit for which she is famous' CRIKEY









