

# **Countries with foodscape similar to Australian.**

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# Introduction

Successful Australian food-chain company based in Canberra is to open restaurants in new country, starting with country's capital. Company would like to find out the country that has food scene most similar to Australian capital for best chances of success.

# Data

List of world capital with coordinates: json file sourced from <http://techslides.com/>

Data on food venues in world capitals, sourced via foursquare REST API

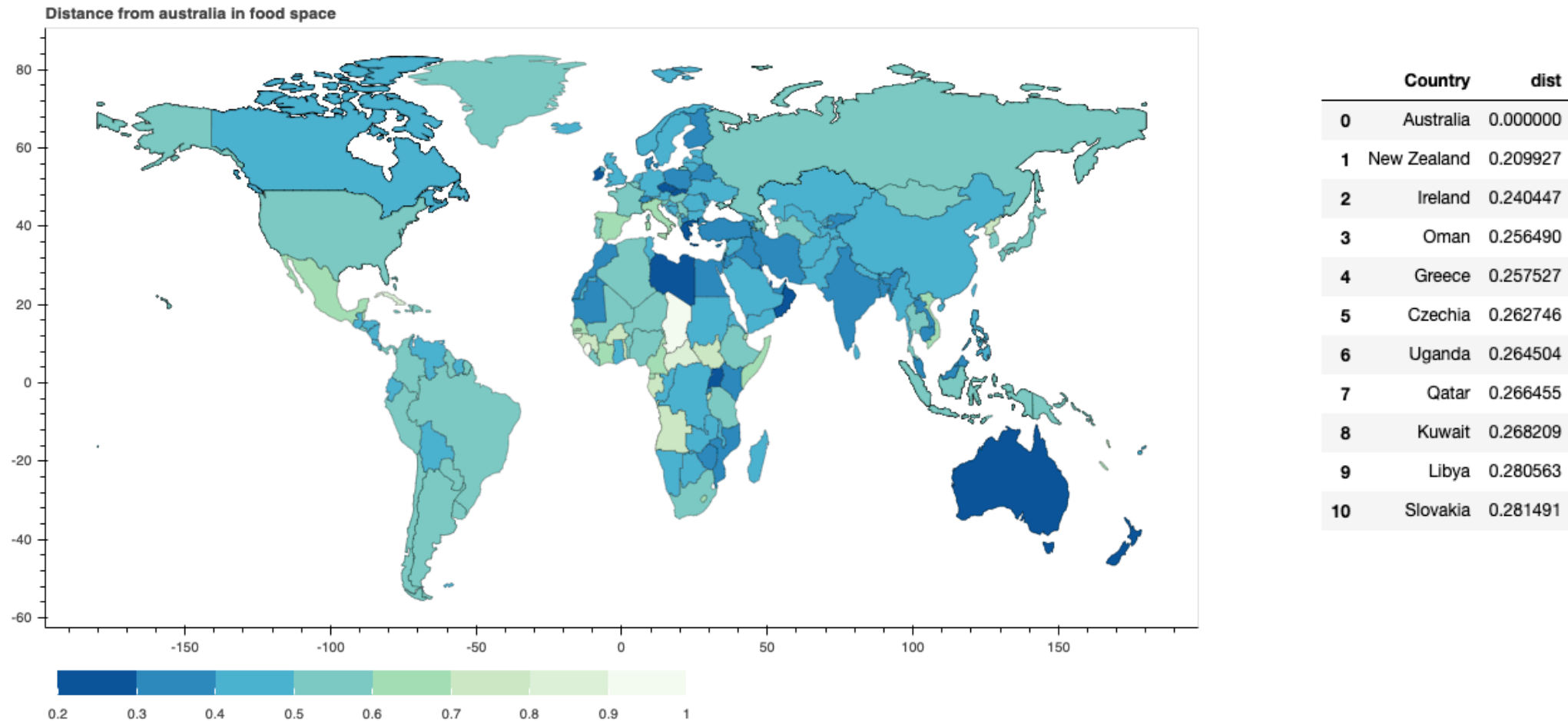
Country shapes, for visualisation, sourced from [www.naturalearthdata.com](http://www.naturalearthdata.com) in form of geojson file

# Methodology

- Data on venues have been collected from Foursquare.
- Each category for each capital has been assigned a weight according to how often venue from it has been found, as a fraction from all venues.
- We define foodscape as position determined by weights assigned to each category as coordinates.
- Distance in foodscape space have been computed from Australian capital to all other world capitals.

# Results

Distance in foodspace space from Australian capital to all other world capitals have been plotted on world map The shortest distance is determined to be to New Zealand.



# Conclusion

Company should extend to Auckland, New Zealand.