

Australia and Oceania

Python

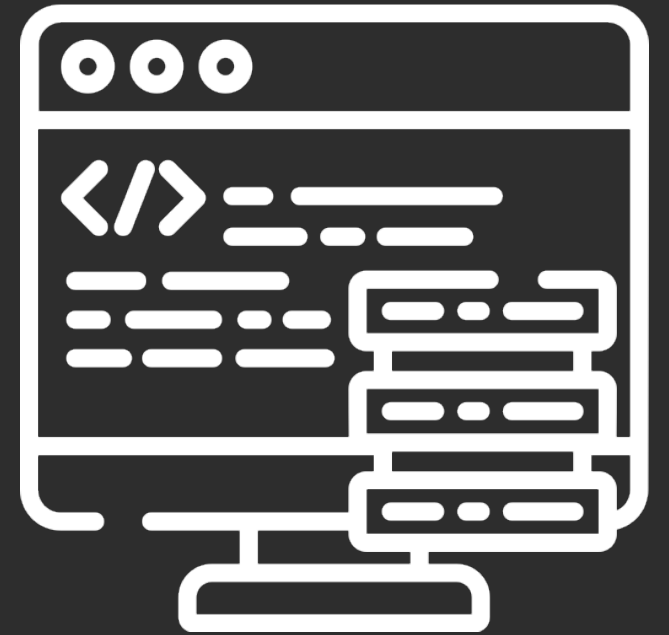
Date: 11/01/2019

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Agenda

1. Introduction
2. Data strategy
3. Key insights
4. References
5. Appendix





Geographic overview

1.

American Samoa



Australia



Fiji



French Polynesia



Guam



Kiribati



Marshall Islands



Micronesia, Fed. St.



N. Mariana Islands



Nauru



New Caledonia



New Zealand



Tonga



Tuvalu



Vanuatu



Palau



Papua New Guinea



Samoa



Solomon Islands





Regional facts

1.

10,000

Islands

Oceania includes more than 10,000 islands, with a total land area (excluding Australia, but including Papua New Guinea and New Zealand) of approximately 317,700 square miles (822,800 square km).

97%

Oceania's GDP

Australia and New Zealand combine to account for 97% of total GDP in the region. Papua New Guinea accounts for 2% (\$28 billion USD) of Oceania's GDP and the remaining 1% is accounted for by the Pacific Islands.

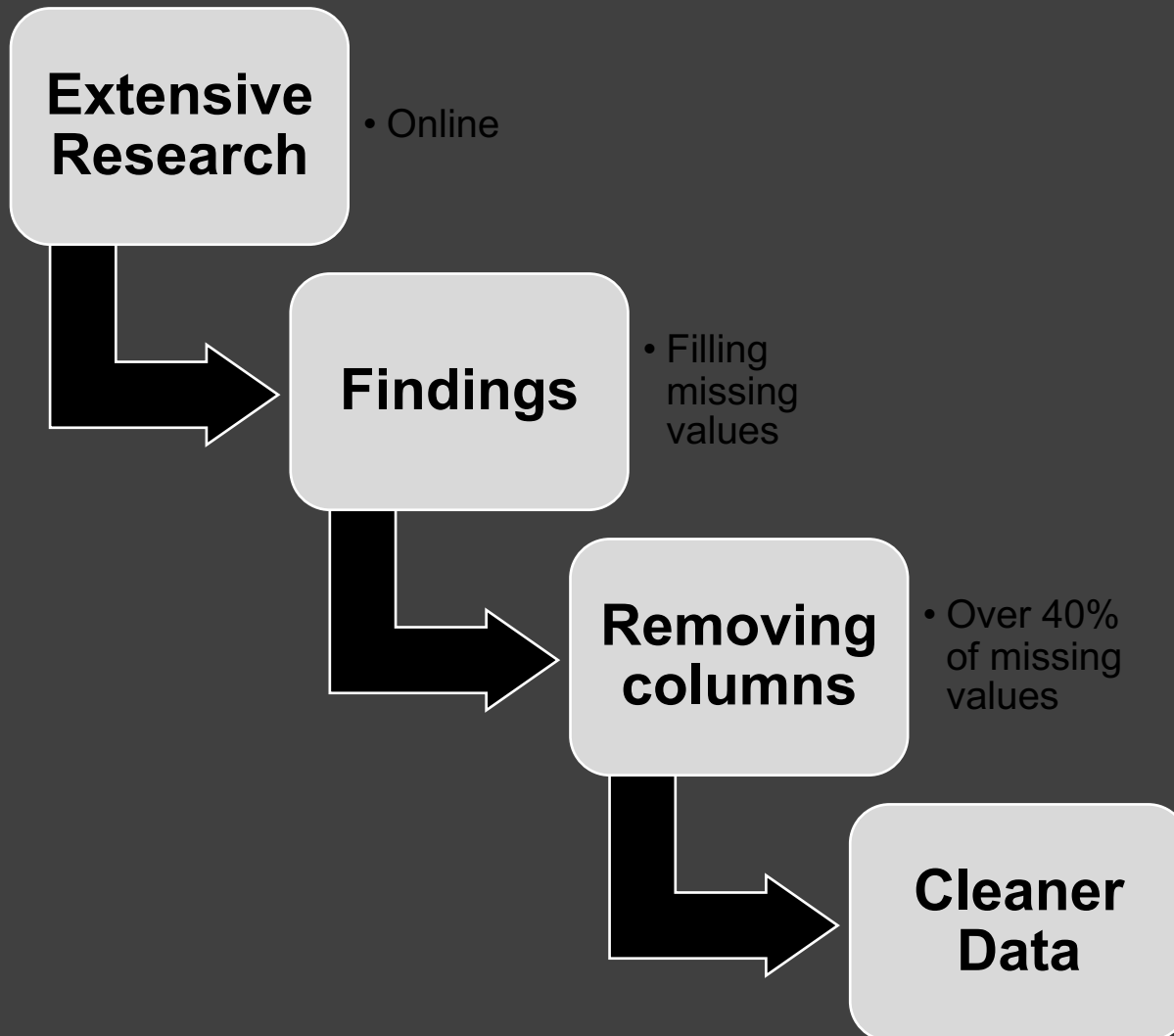
10bn

Tourism revenue

Tourism counts to one of the most important revenue drivers for Oceania, in particular the smaller islands such as Fiji.

Data strategy

2.



Why are values missing?

- Small nations
- Territories of major countries
- Major countries have low motivation for collecting data for strategic unimportant locations
- Limited infrastructure and human resources to carry out census and data collection

Data strategy – Missing values

2.

American Samoa



- ❖ Benchmarks: Income Group & Country Size



- ❖ Fiji, Marshall Islands, Nauru, Samoa, Tonga, Tuvalu

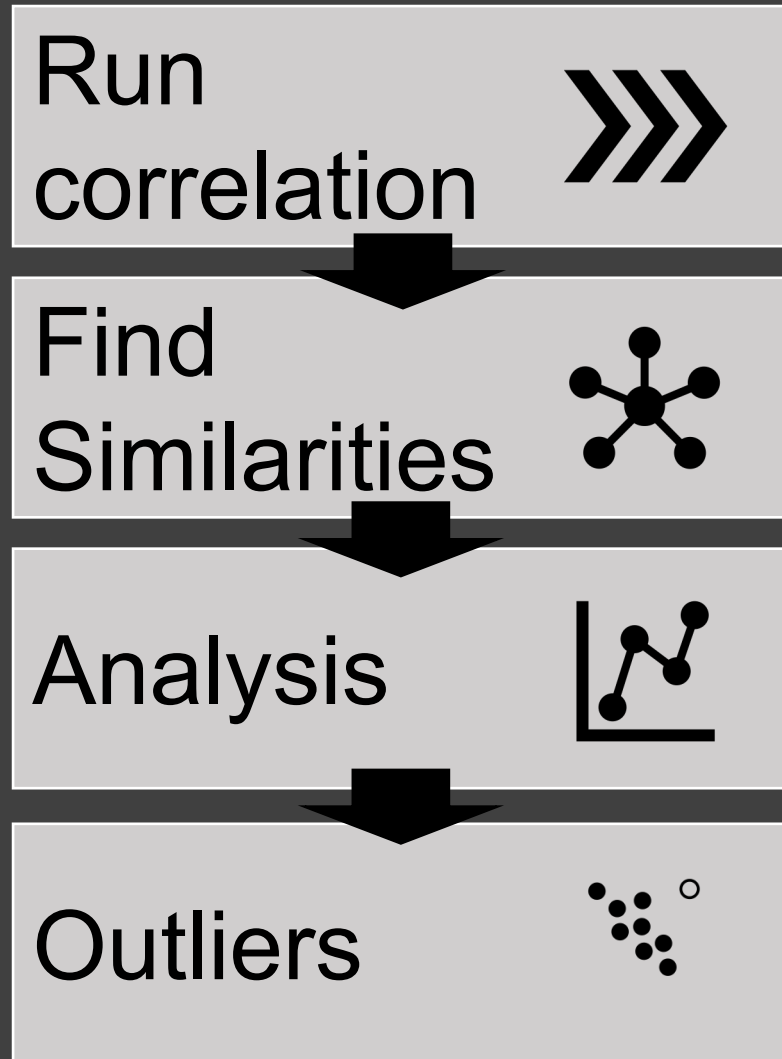


- ❖ Mean value

Other countries

- ❖ Median value

Correlation & outliers



Insights 



Key Relations

3.

+	Access to electricity and Employment in agriculture	-0.87
-	Employment in services and Employment in agriculture	-0.97
-	Population ages 15-64 and Fertility rate	-0.90
+	Birth rate and Age dependency ratio, young	0.90



Key insights

3.

**Employment
in services
and
*employment
in agriculture***



**Papua
New Guinea: 68%**



**Solomon Islands:
62%**



Vanuatu: 62%

Outliers



Urbanisation

- 0.97



Key insights

3.

**Access to
electricity
and
*employment
in agriculture***



**Solomon Islands:
62%**



**Papua
New Guinea: 54%**



Vanuatu: 62%

Outliers



**Emerging
countries**

- 0.87



Key insights

3.

Birth rate
and
*age
dependency
ratio (young)*



Palau: 9

Outlier



No significant
change

0.90

Thank you for
listening!



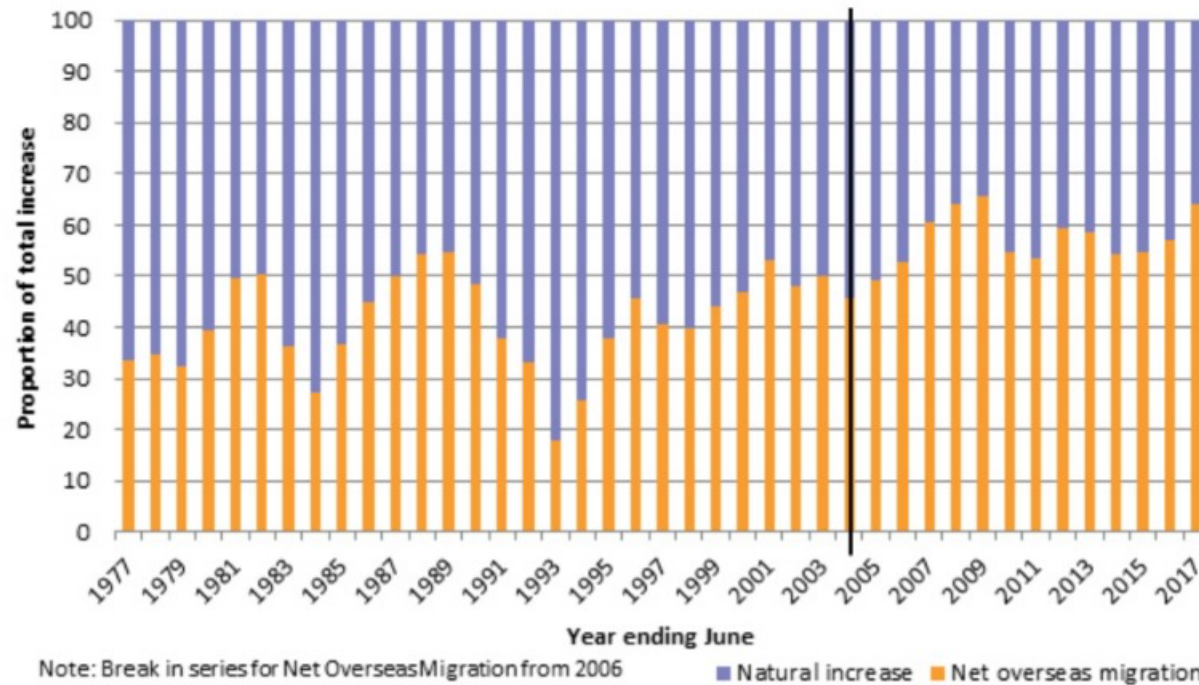
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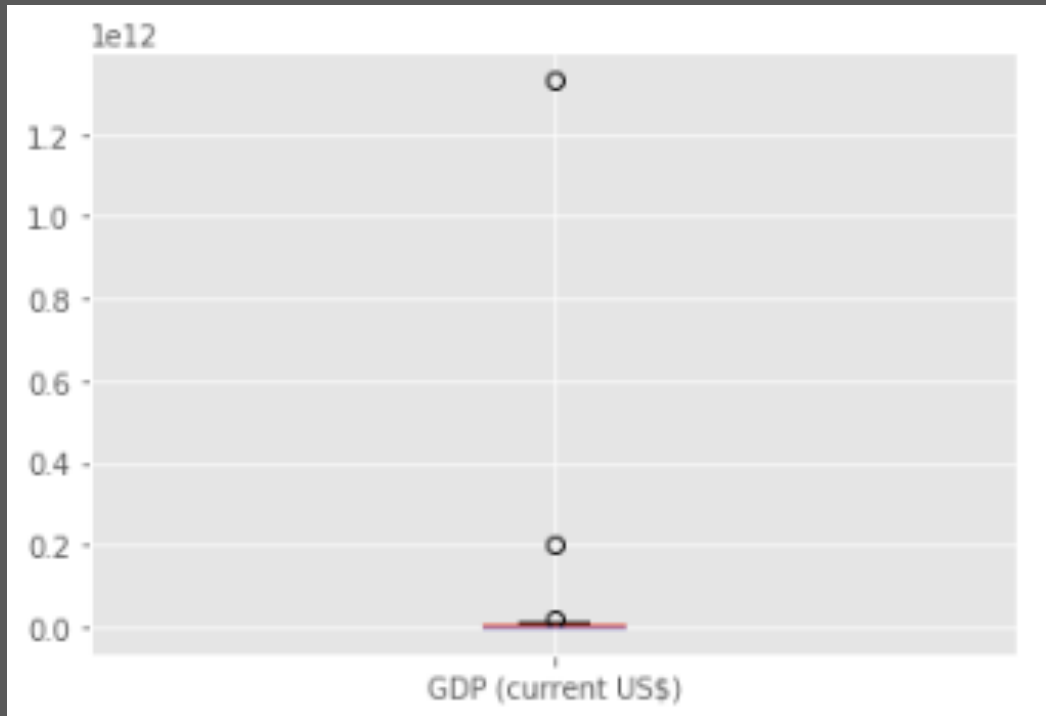
Appendix

Population of Australia

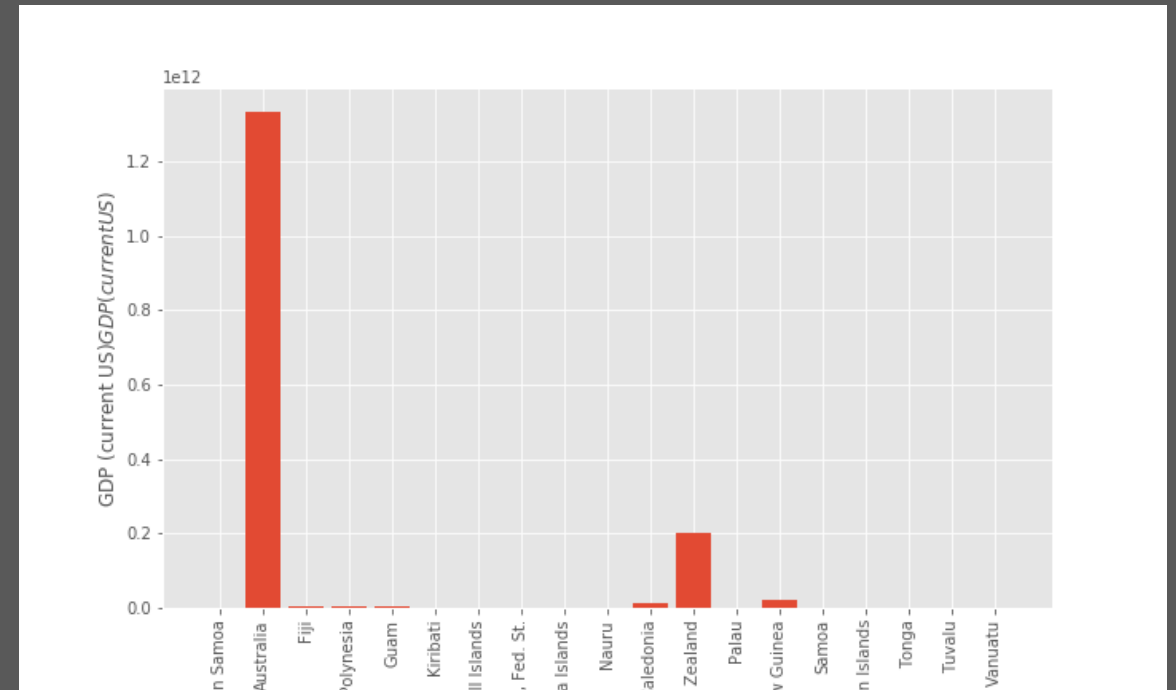
Figure 1 Components of change, 1976-77 to 2016-17



Appendix



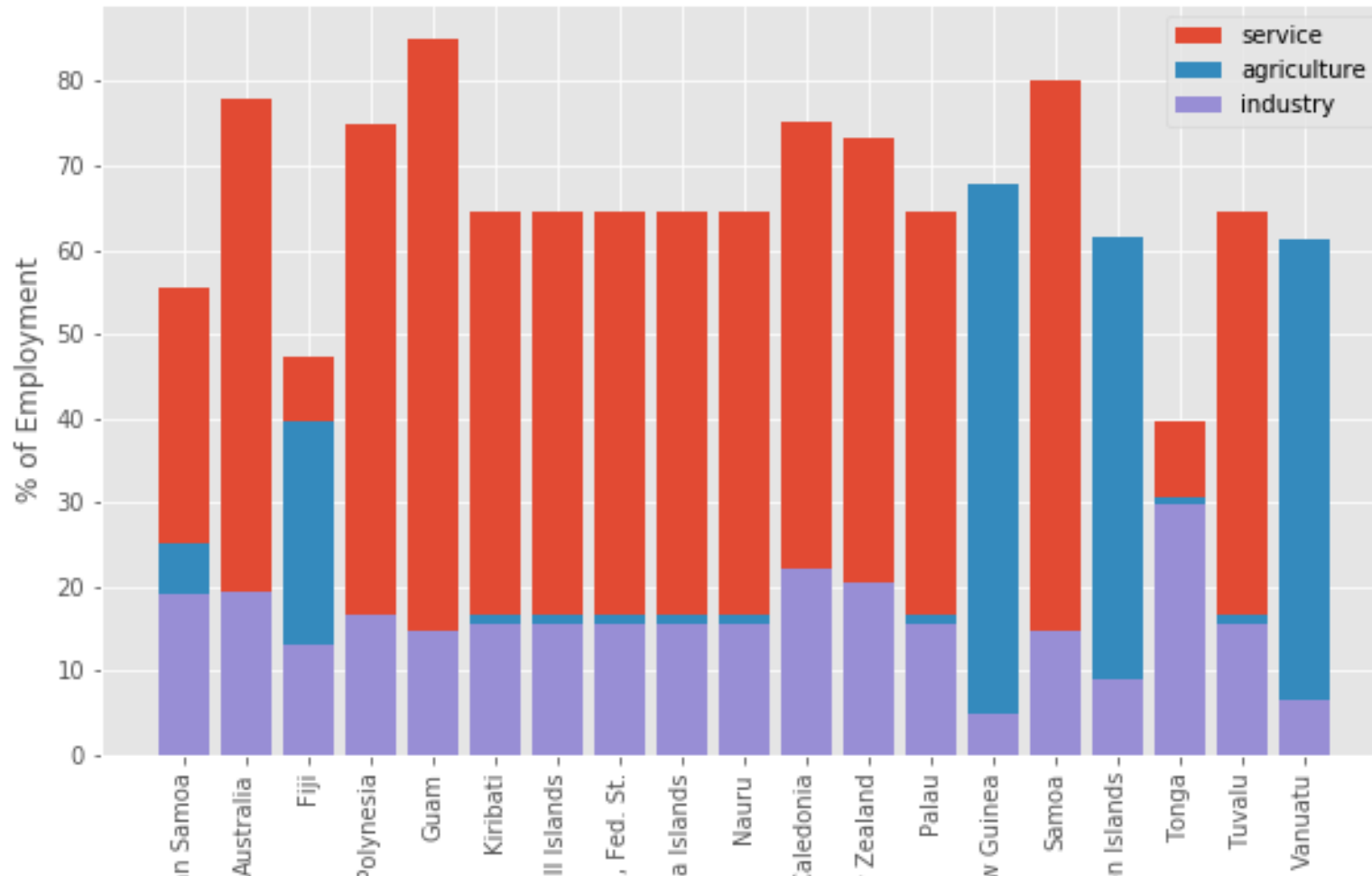
Box plot: GDP



Bar plot: GDP

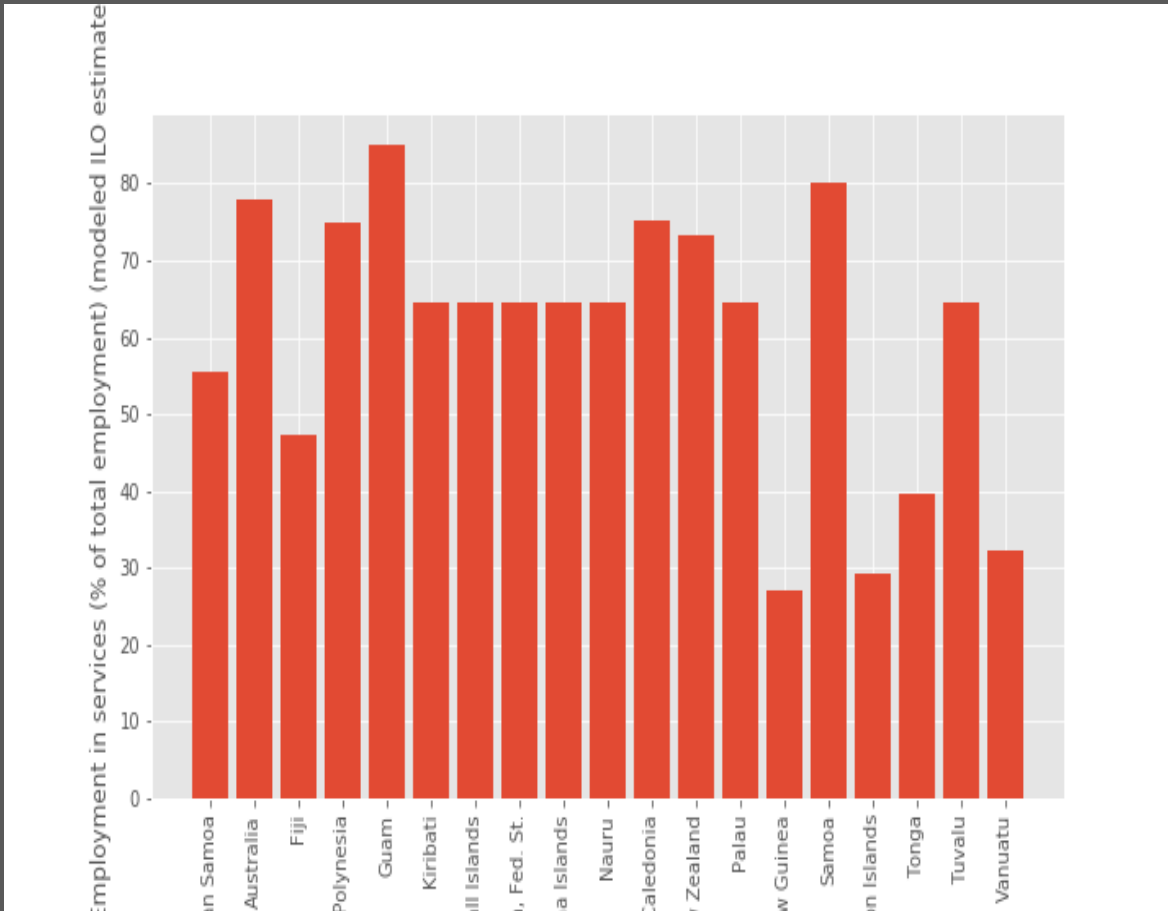
Appendix

8.

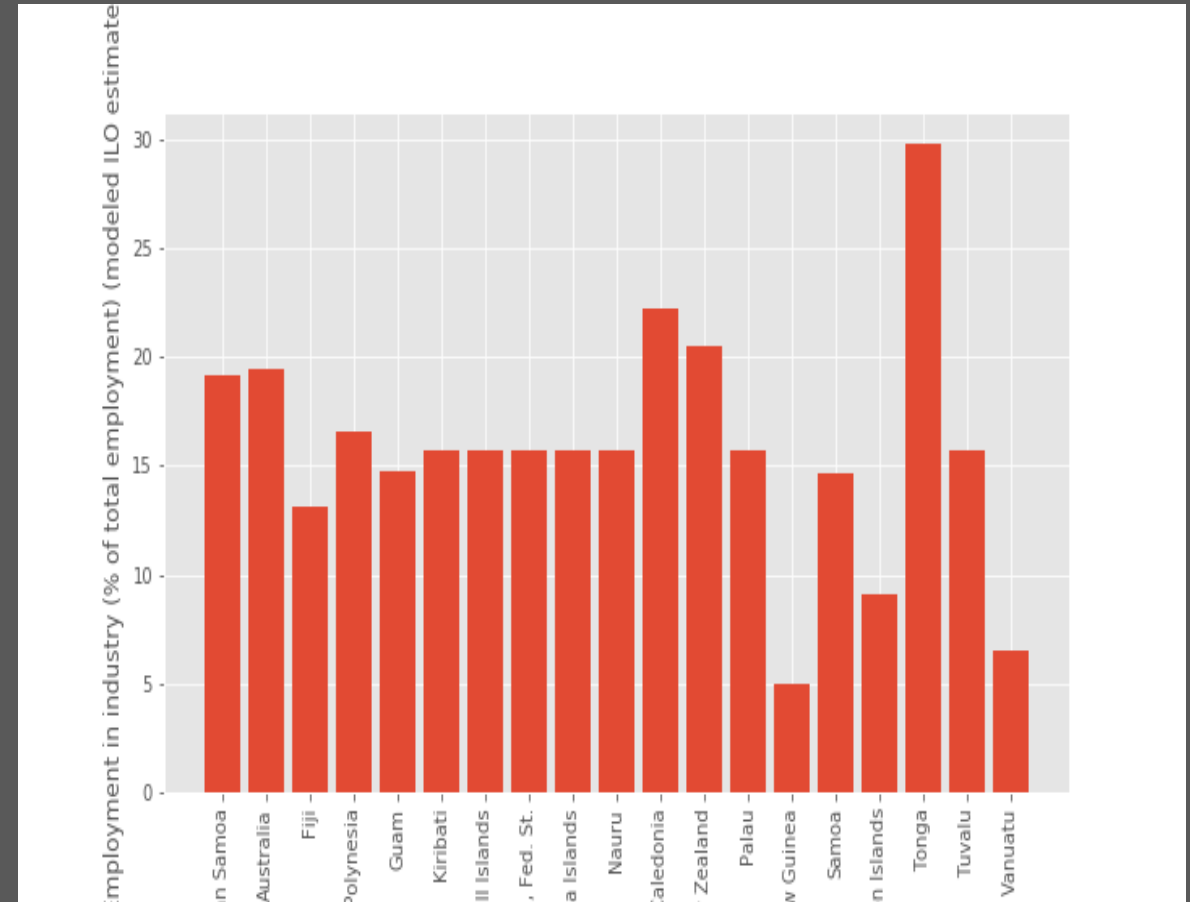


% Of employment in: Service, Agriculture and Industry

Appendix

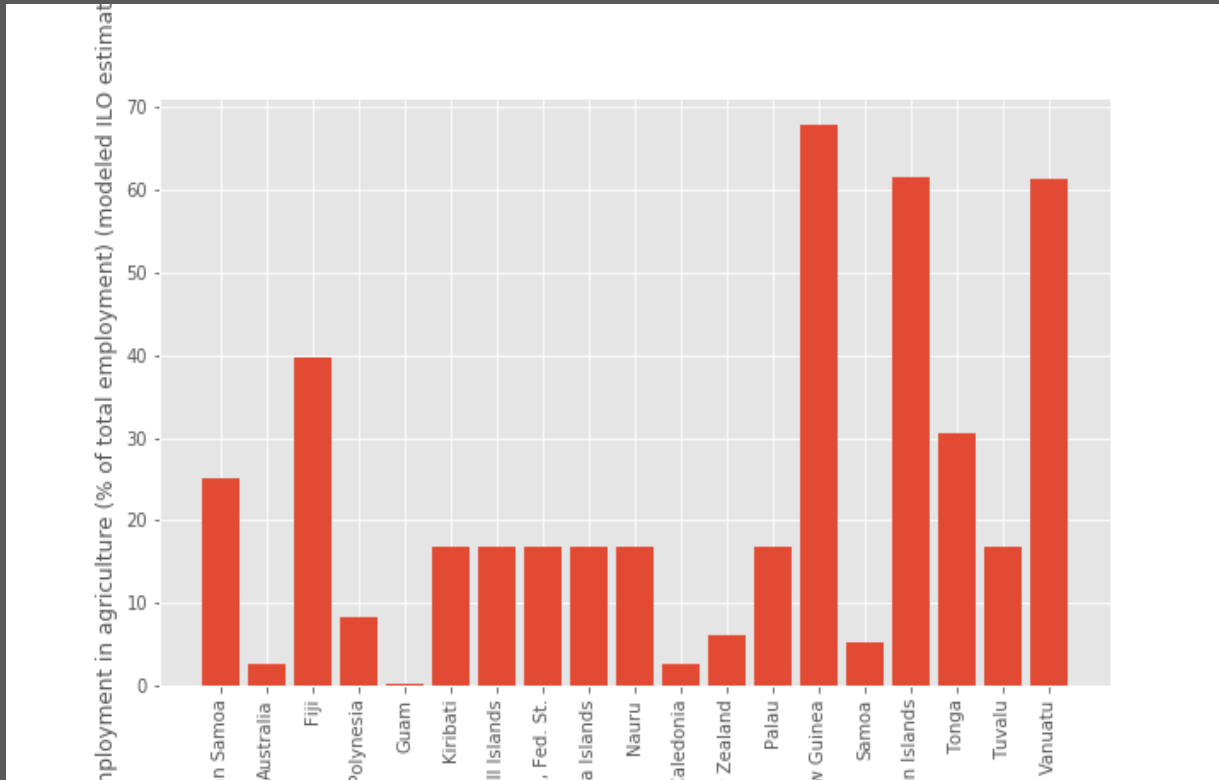


% Employment in Service

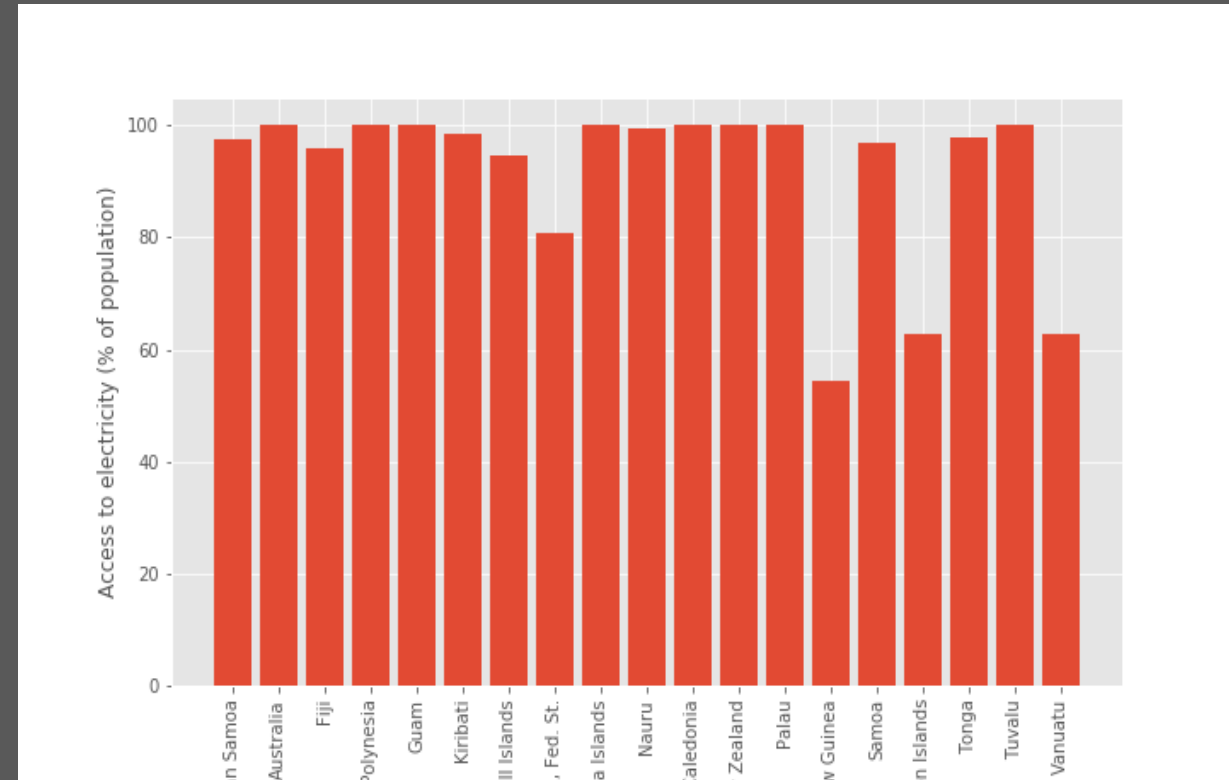


% Employment in industry

Appendix

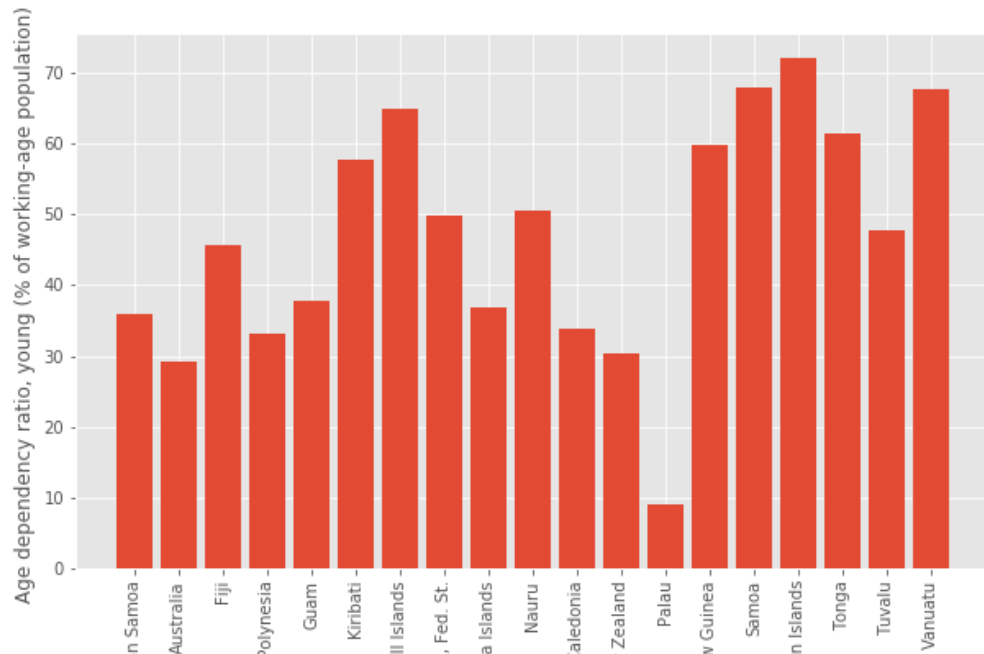


% of employment in agriculture

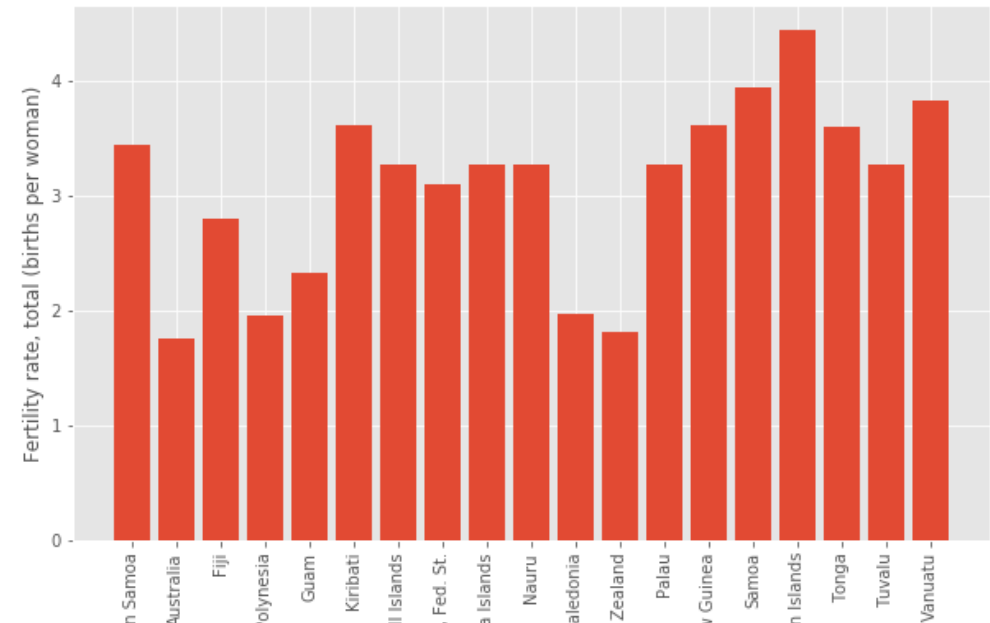


Access to electricity (%)

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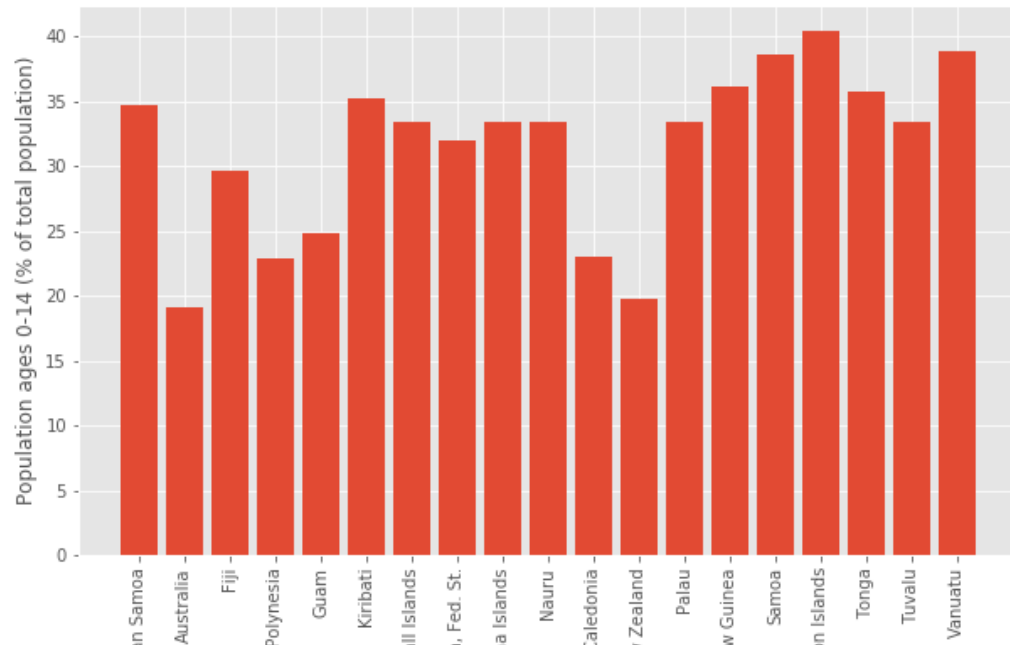


Age dependency

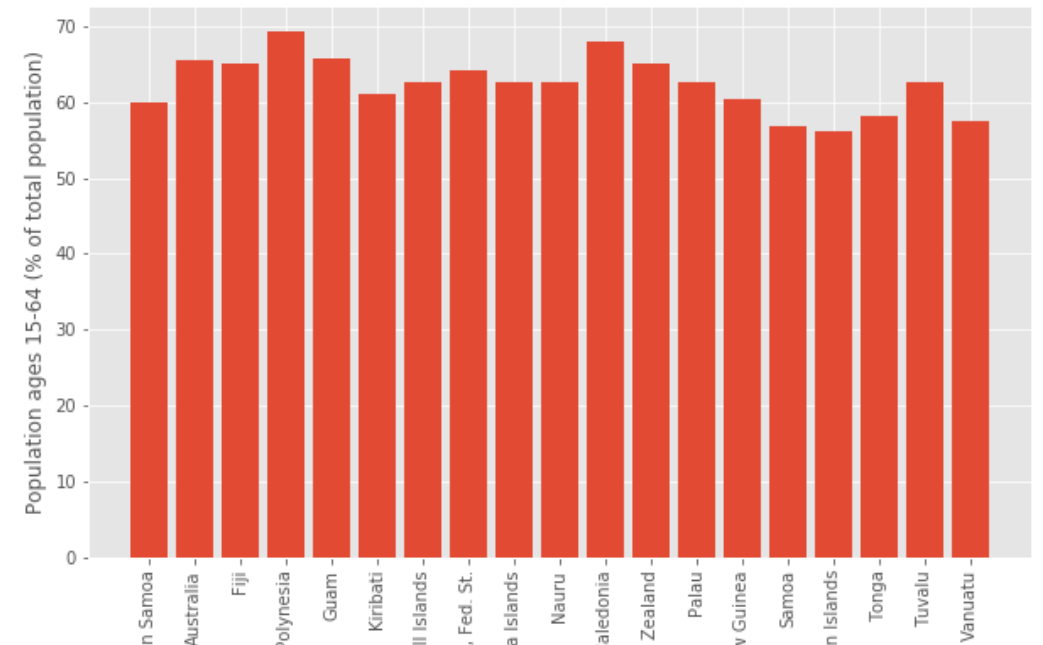


Fertility rate

Appendix

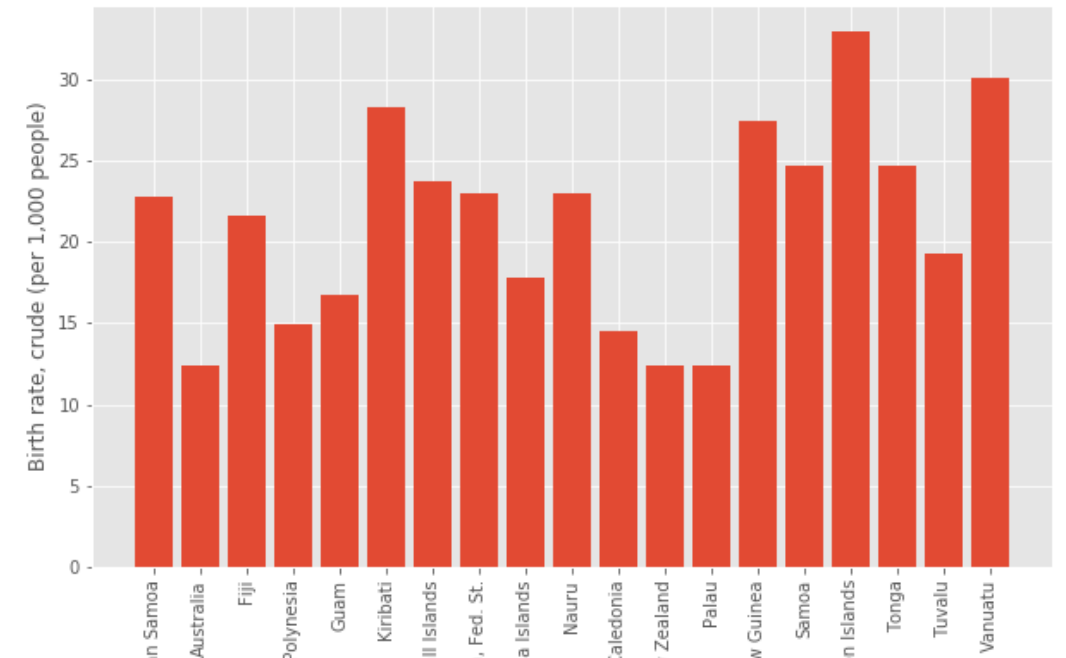


Population ages 0-14

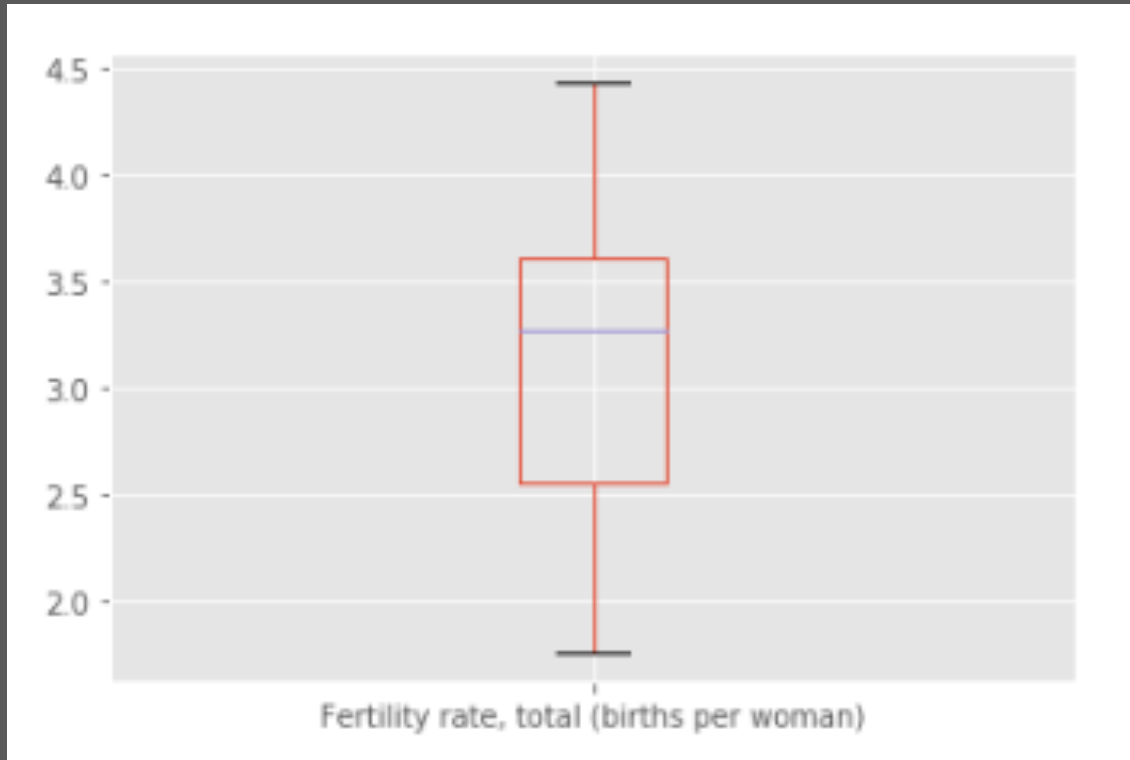


Population ages 15-64

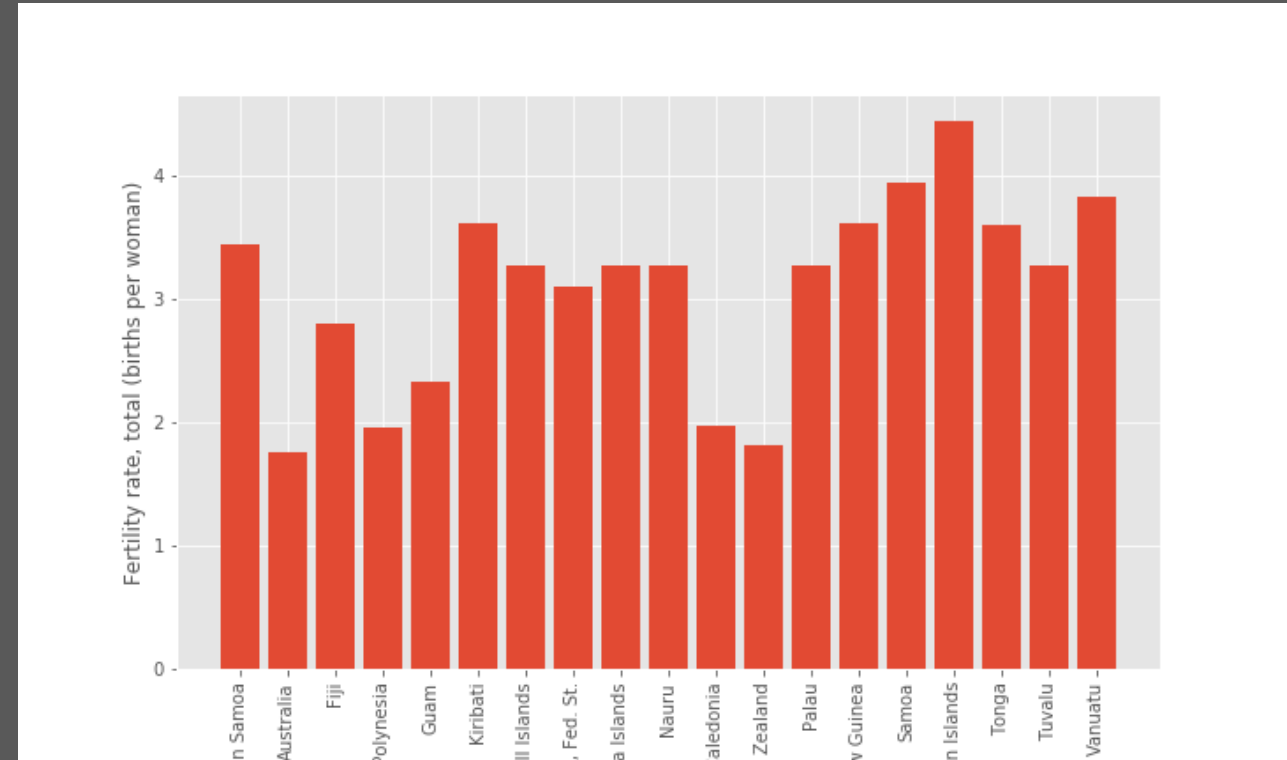
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Appendix



Box plot: Fertility rate



Fertility rate