

# Solving Real-World Problems with Visualization

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# What's the Richest Country in the World?

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What's the richest country in the world  
on a per-person basis?

countries.csv

## countries.csv

country	continent	year	lifeExpectancy	population	gdpPerCapita
Afghanistan	Asia	1952	28.801	8425333	779.4453145
Afghanistan	Asia	1957	30.332	9240934	820.8530296
Afghanistan	Asia	1962	31.997	10267083	853.10071
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Zimbabwe	Africa	1997	46.809	11404948	792.4499603
Zimbabwe	Africa	2002	39.989	11926563	672.0386227
Zimbabwe	Africa	2007	43.487	12311143	469.7092981

# What's the richest country in the world on a per-person basis?

- Pause video
- Post your solution as a comment

# Example

What's the richest country in the world?

- Aggregating values with `groupby()`
- Sorting values
- Making line charts / time series
- Using subplots

# Solve Your Own Problems

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## Exercise

Come up with a question, or answer:

- What's the fastest growing country in GDP?
- Which country resembles the U.S. the most?
- How is population related to GDP per capita?



Share your results in the  
comment section of this course

## Conclusion and the Journey from Here

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# Summary

What you've learned so far:

- A strong basis for data visualization
- How to make various types of plots

# Journey from Here

- Start using what you learned
- Statistics fundamentals

Comment below

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Thank you!