

Mapping your data

INTRODUCTION TO TABLEAU



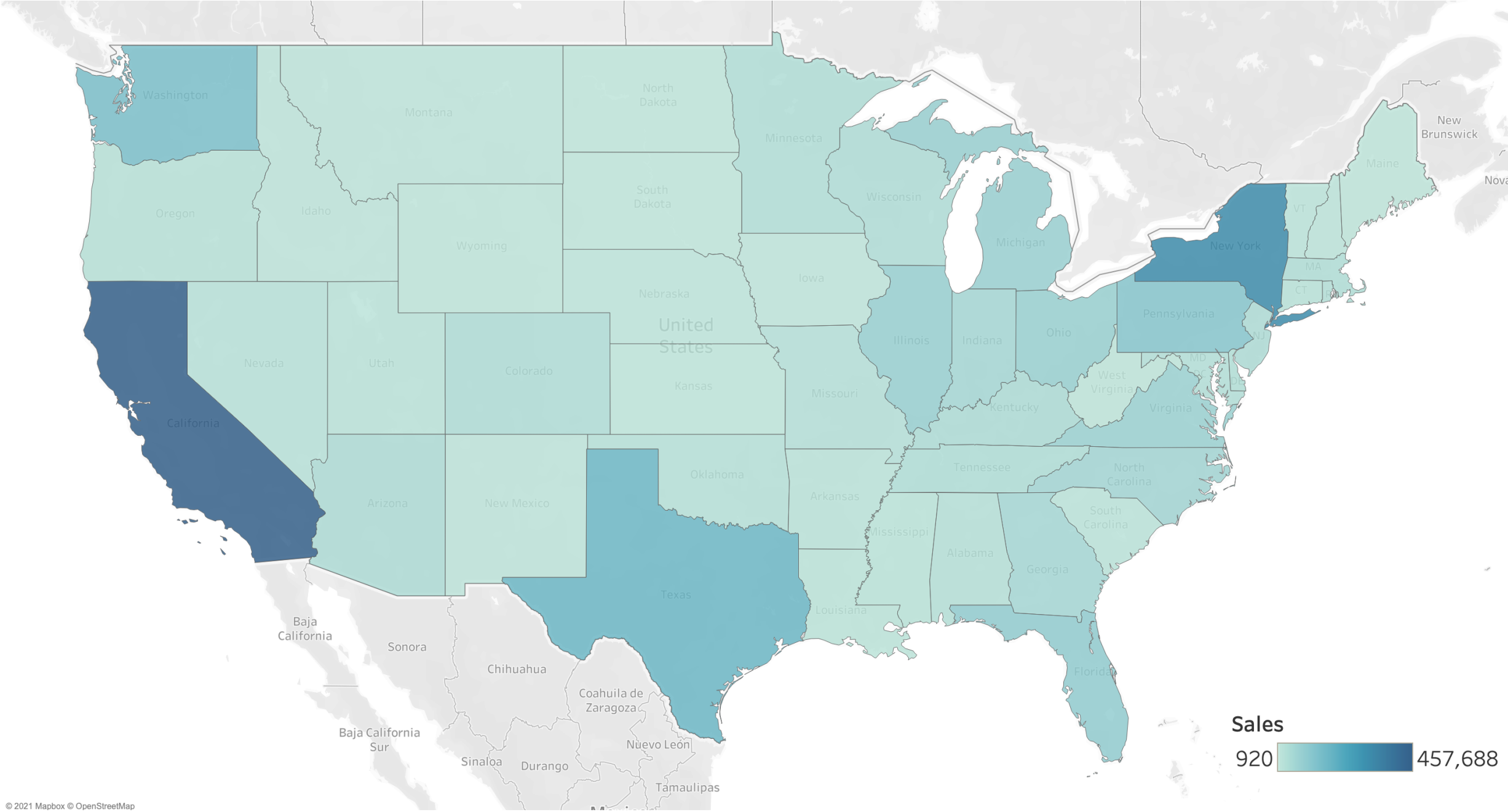
Sara Billen

Curriculum Manager at DataCamp

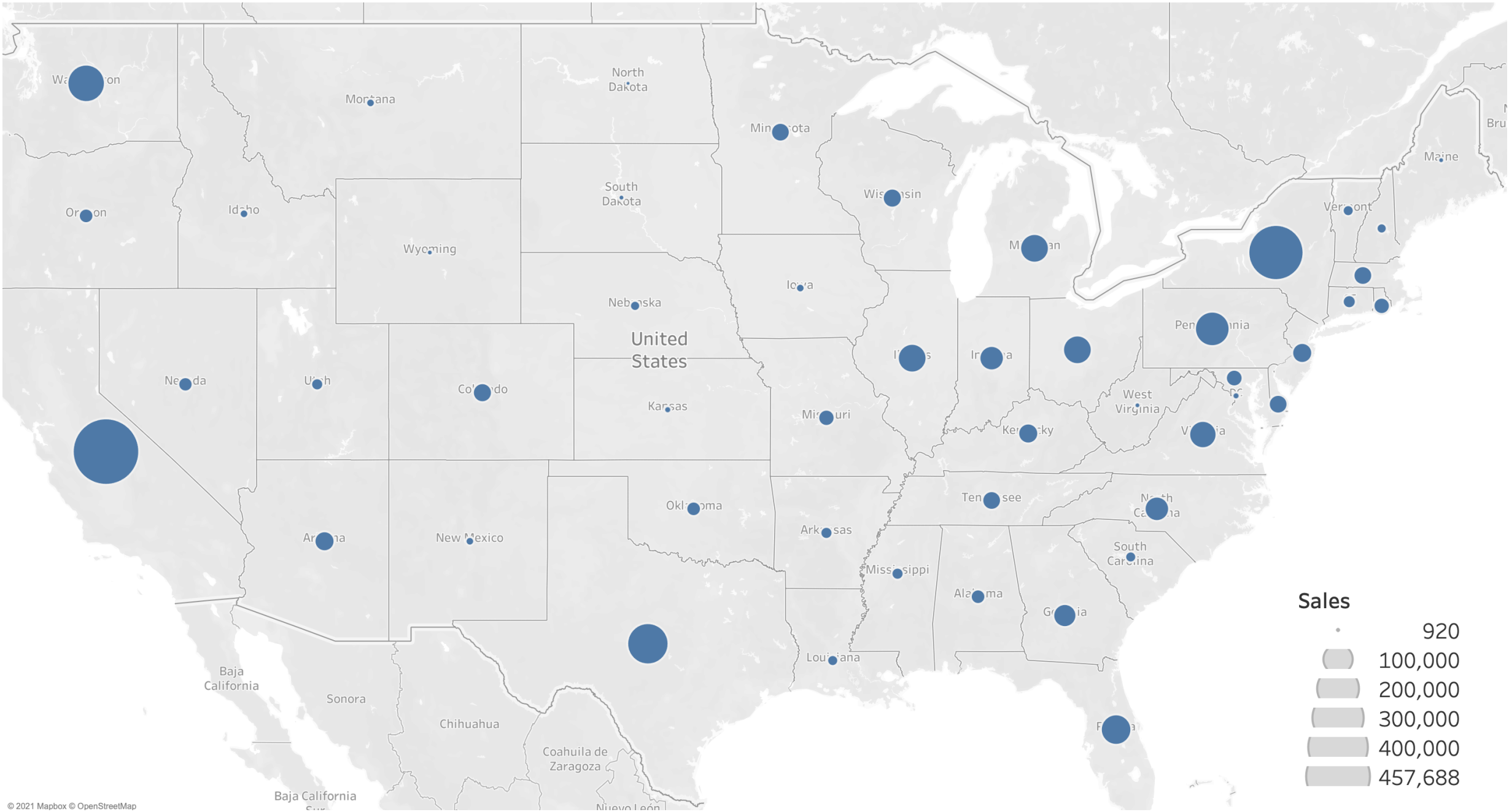
What is geographic data?



Filled map



Symbol maps



Recognized geographic types

- Automatically assign coordinates to:
 - US area codes
 - Cities worldwide
 - US congressional districts
 - Worldwide countries/regions
 - US counties
 - Worldwide states/provinces
 - Postal codes
- Geocoding
- Globe icon 

¹ https://help.tableau.com/current/pro/desktop/en-us/maps_geographicroles.htm

Data



World Health Organization

Business question

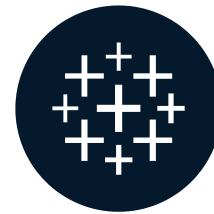
What was the population growth of the country with the highest population in 2008?

Demo time!

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Creating a symbol map

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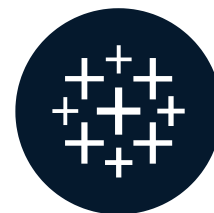
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Let's practice!

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Working with dates

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Dates




Date data


Dimensions

Abc

Continent



Country




Date

Abc

Measure Names

Measures



Births

Date hierarchy

- Year
- Quarter
- Month
- Day

Business question

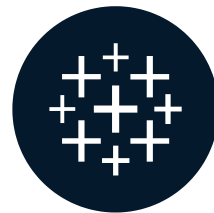
Is there seasonality to the number of births in Chile? If yes, during which month are the fewest babies typically born?

Let's practice!

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Visualizing dates

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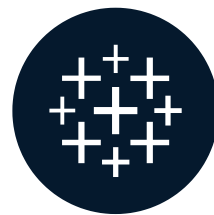
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Let's practice!

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Reference lines, trend lines, and forecasting

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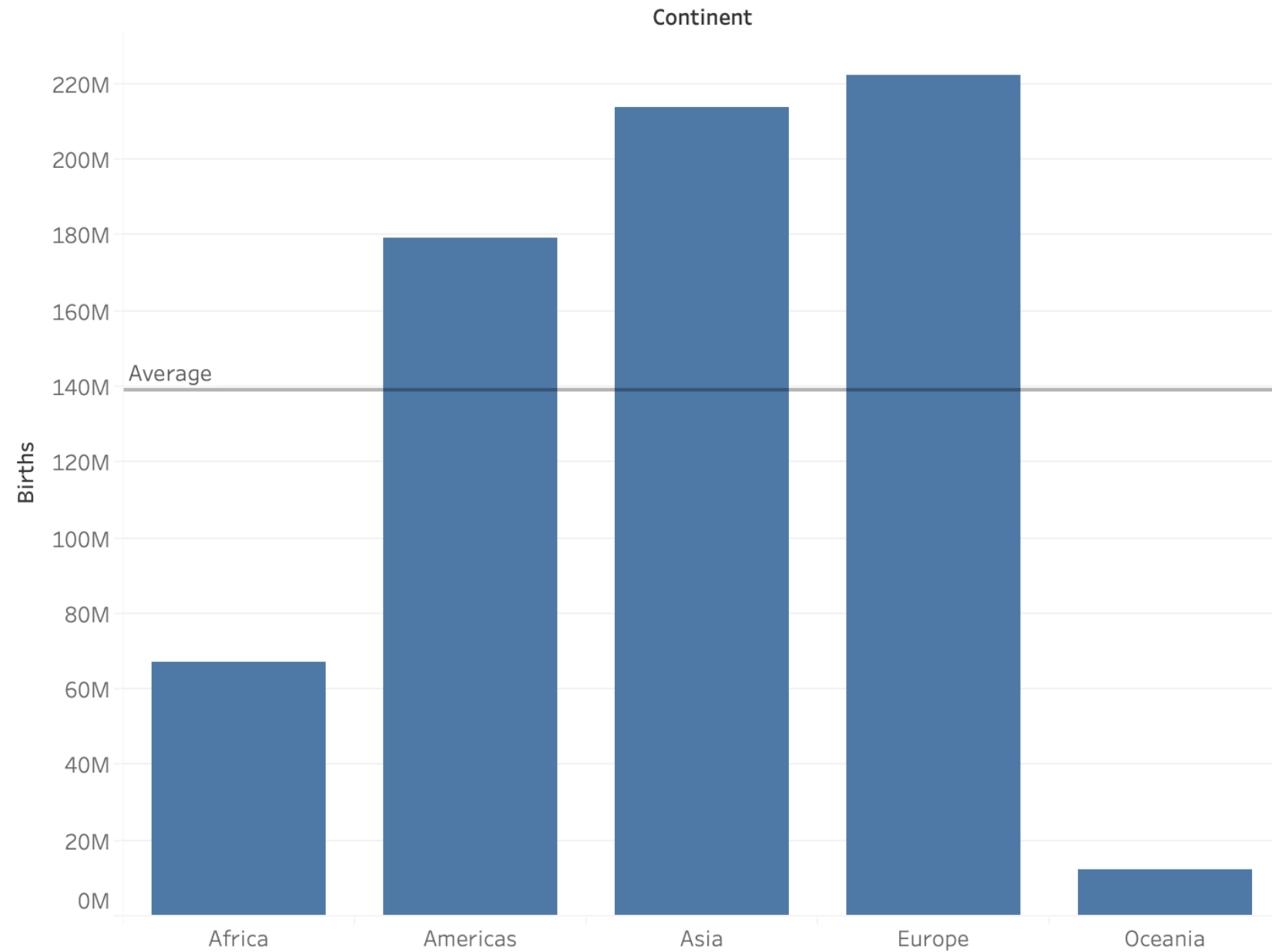
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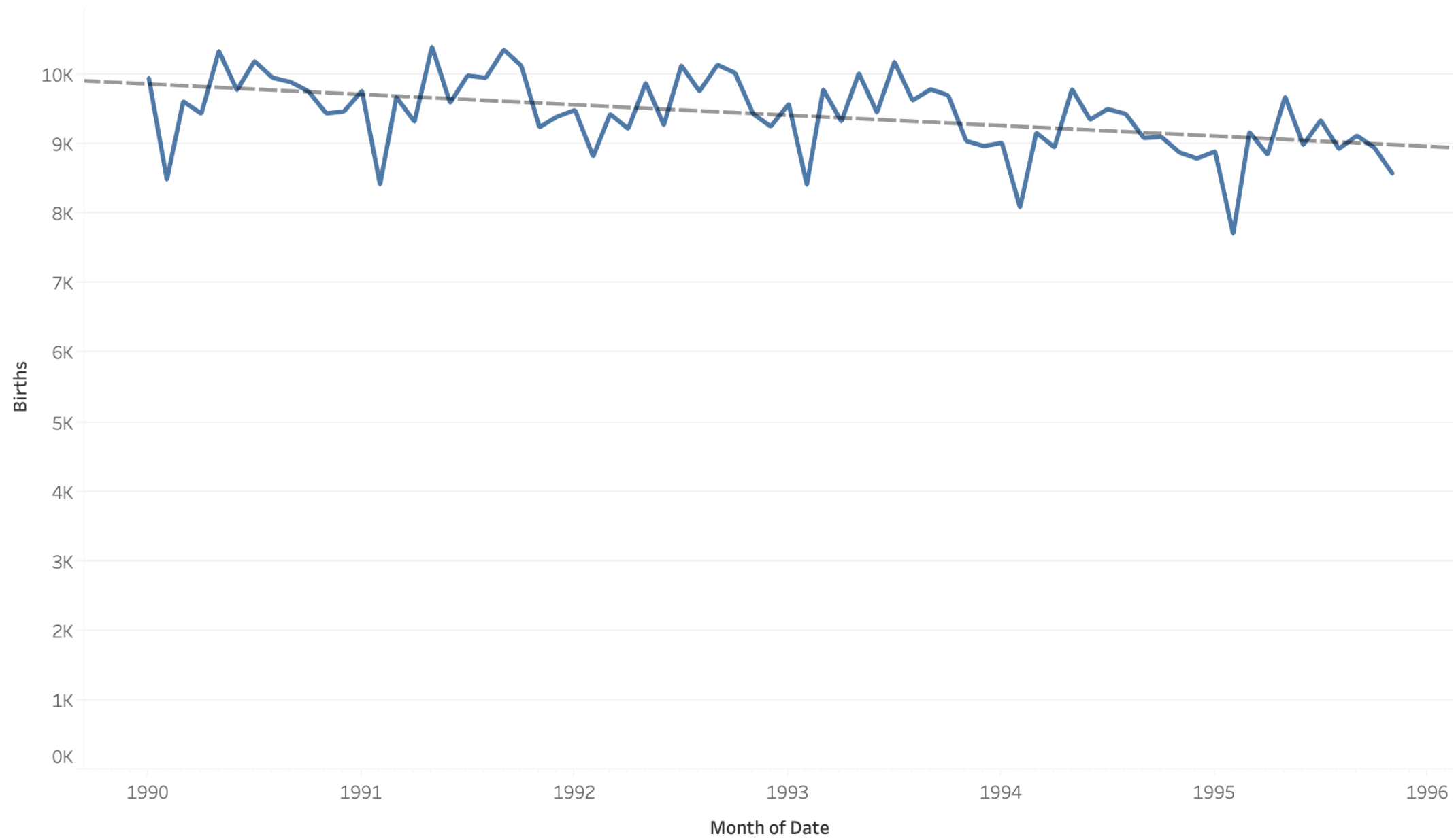
Enhancing your visualization

- Reference lines
- Trend lines
- Forecasting

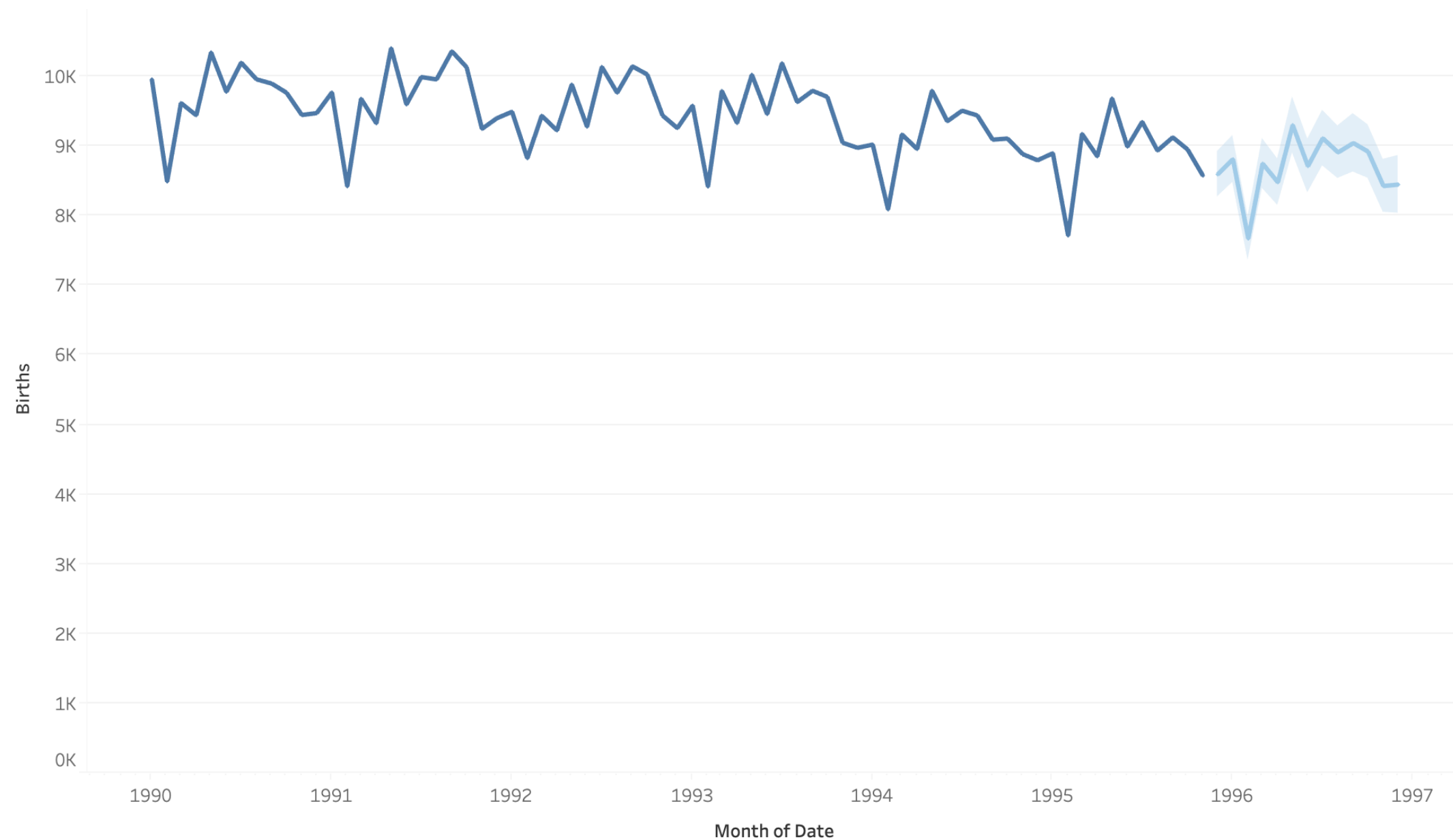
Reference lines



Trend lines



Forecasting



Business question

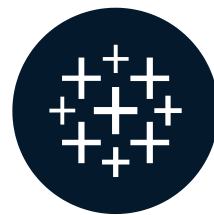
Is the forecasted number of births in Japan during December 2019 higher than the average over the last five years?

Demo time!

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Adding reference lines, trend lines, and forecasting

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Let's practice!

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