

Mapping your data

INTRODUCTION TO TABLEAU



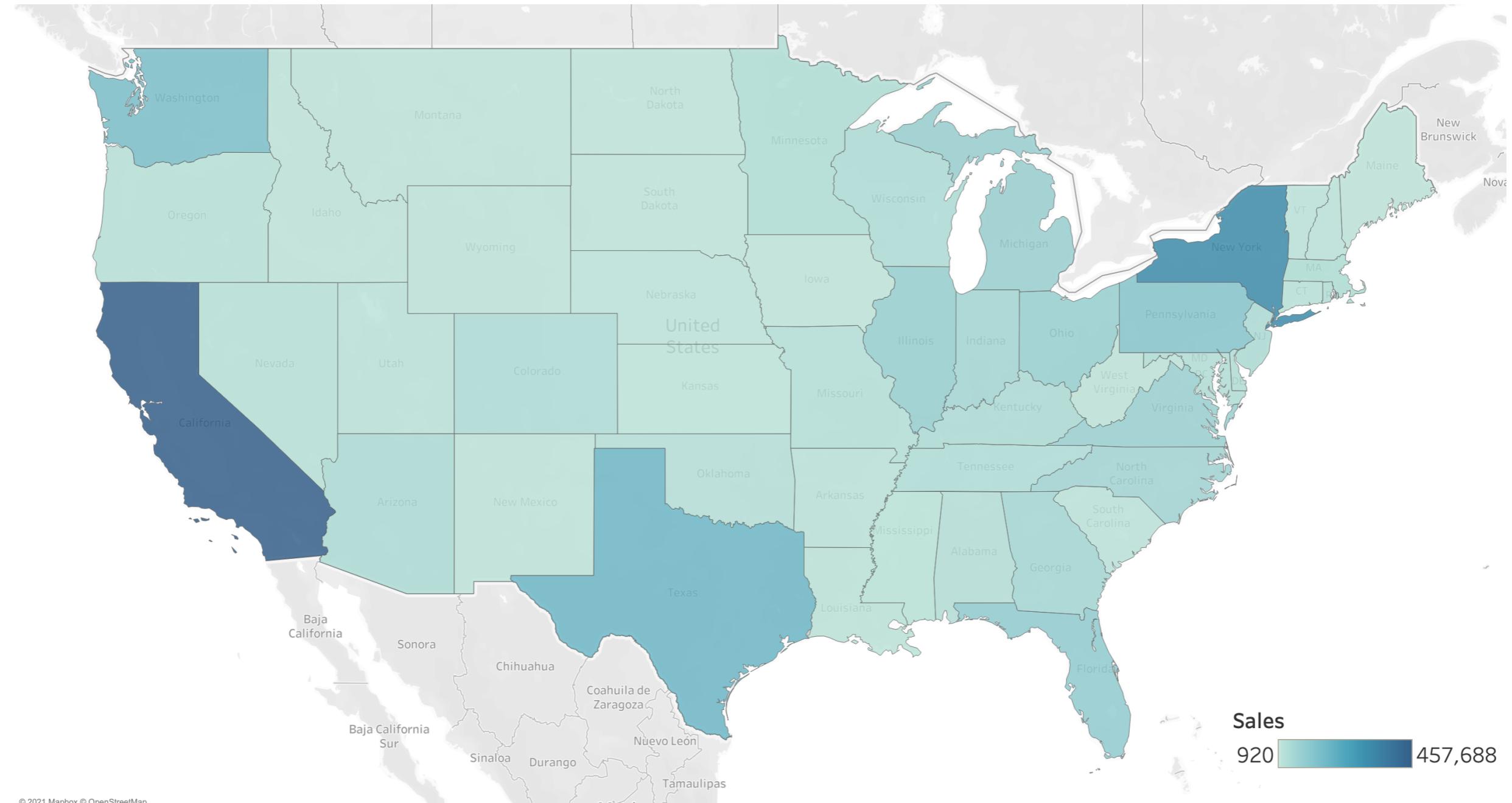
Sara Billen

Curriculum Manager at DataCamp

What is geographic data?

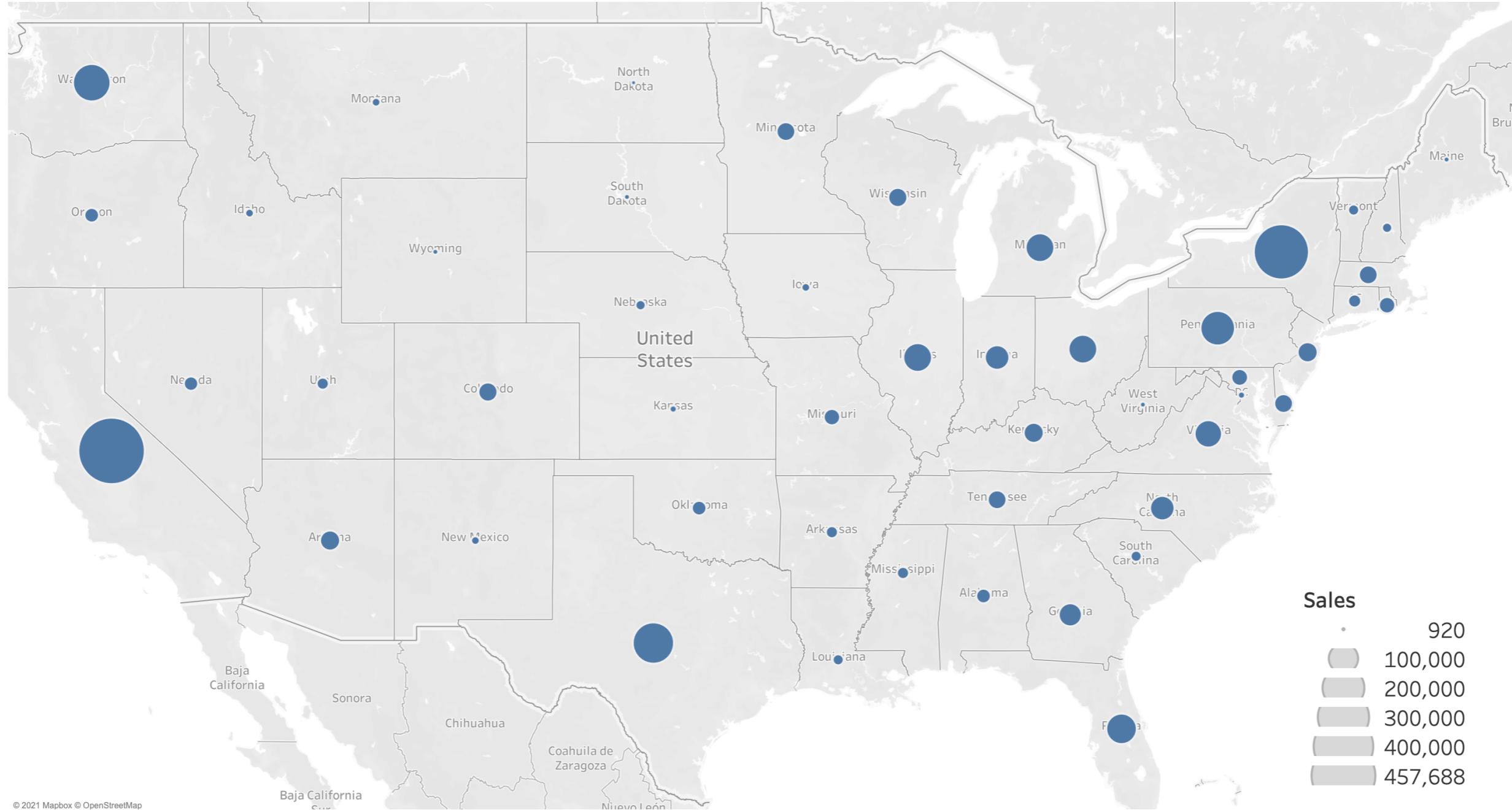


Filled map



© 2021 Mapbox © OpenStreetMap

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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Let's practice!

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Working with dates

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Dates



Date data

Dimensions

ABC Continent

🌐 Country

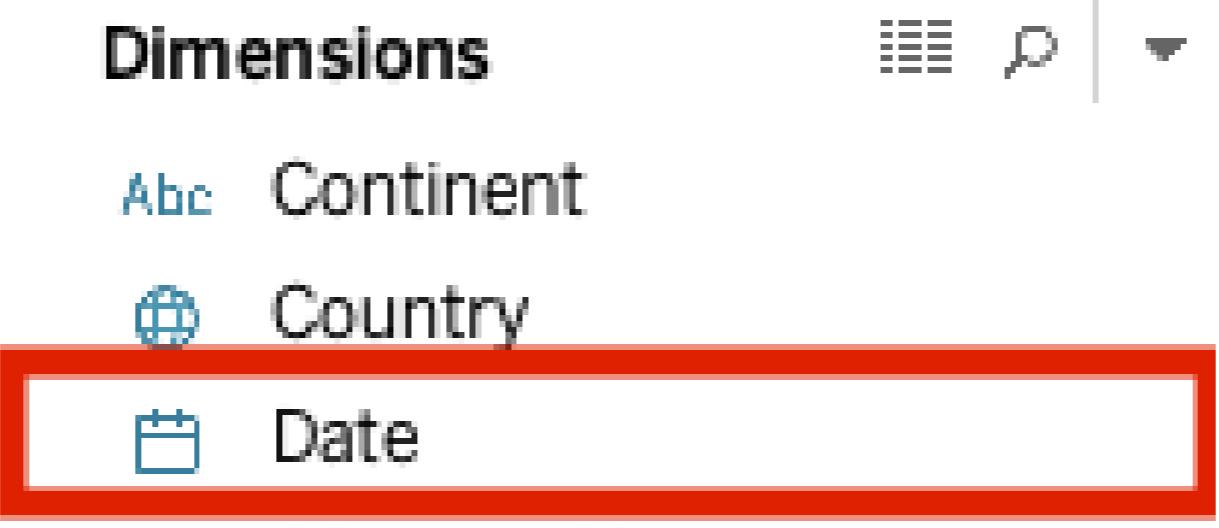
Date

ABC Measure Names

Measures

Births

Deaths



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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Reference lines, trend lines, and forecasting

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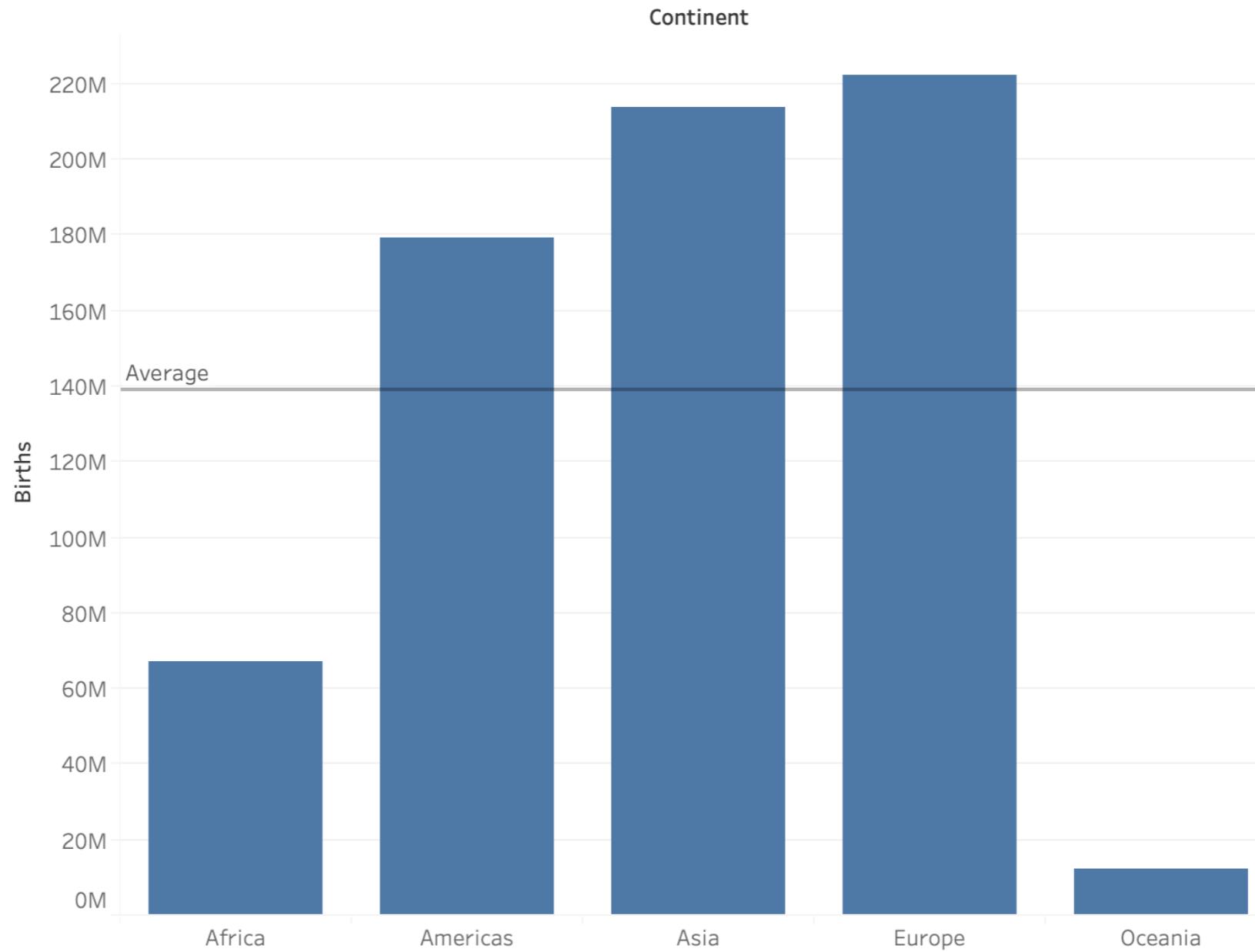
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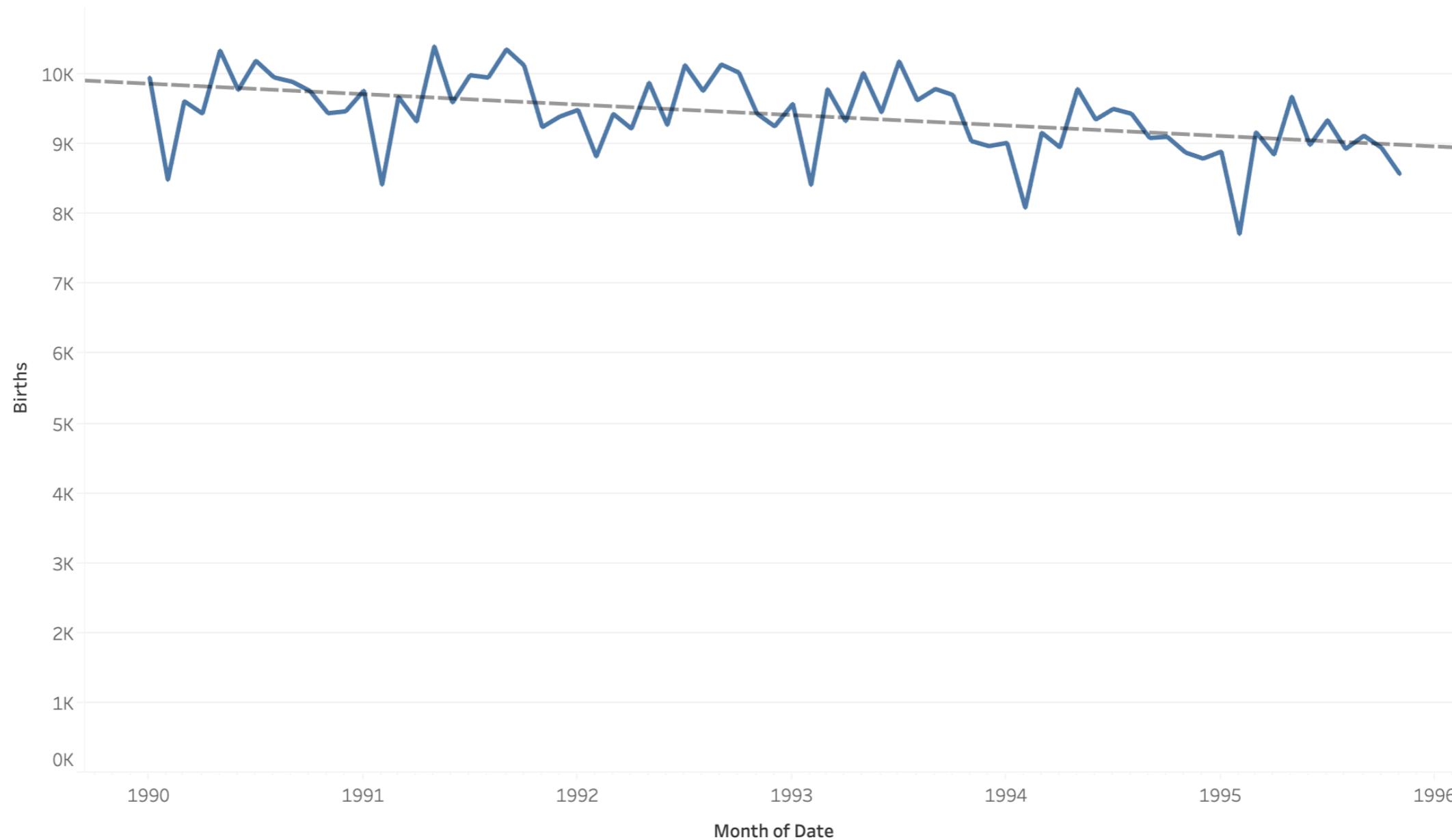
Enhancing your visualization

- Reference lines
- Trend lines
- Forecasting

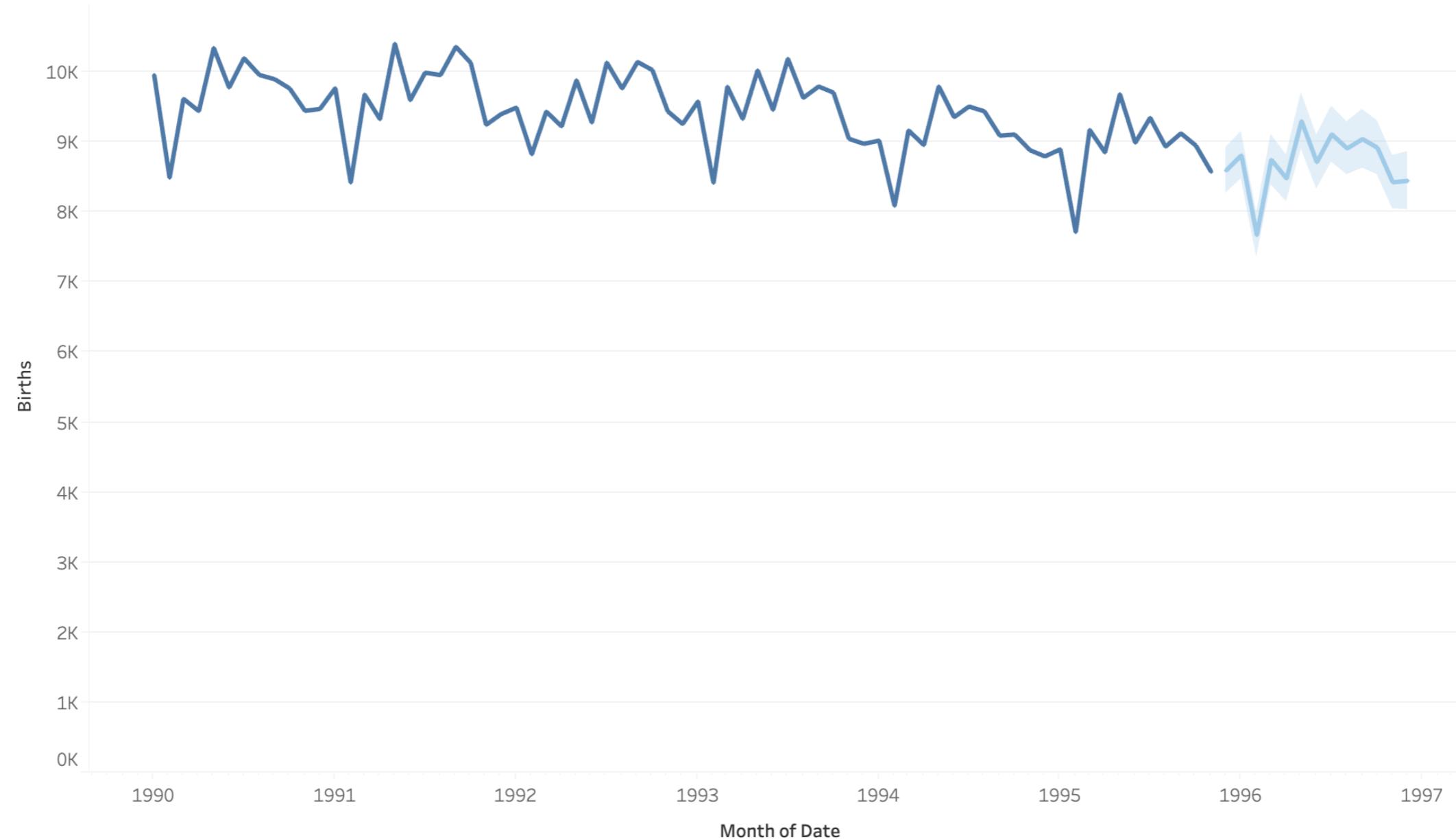
Reference lines



Trend lines



Forecasting



Business question

Is the forecasted number of deaths in Costa Rica 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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