

INTRO TO DATA SCIENCE

LESSON 4: DATA VISUALIZATION

I. INTRO TO DATABASES

II. USING SQL IN DATABASES

QUESTIONS?

I. INTRO TO DATA VISUALIZATION

II. APPLYING DATA VISUALIZATION TO DIFFERENT MODELS

III. DATA VISUALIZATION IN PYTHON

LAB:

IV. USING DATA VISUALIZATION IN PYTHON

V. DATA MANIPULATION AND ORGANIZATION

INTRO TO DATA SCIENCE

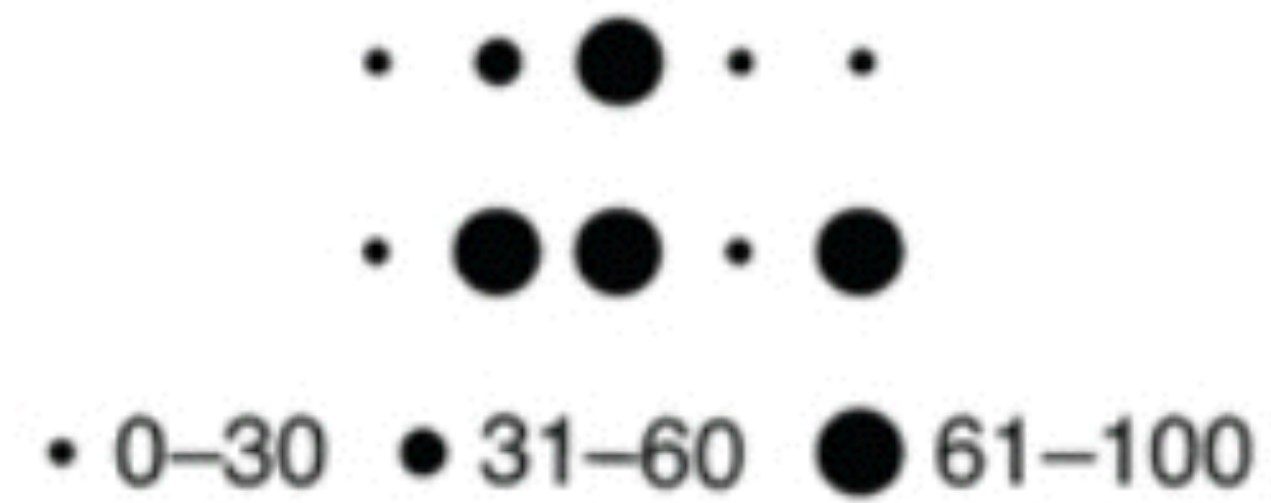
I. INTRO TO DATA VISUALIZATION

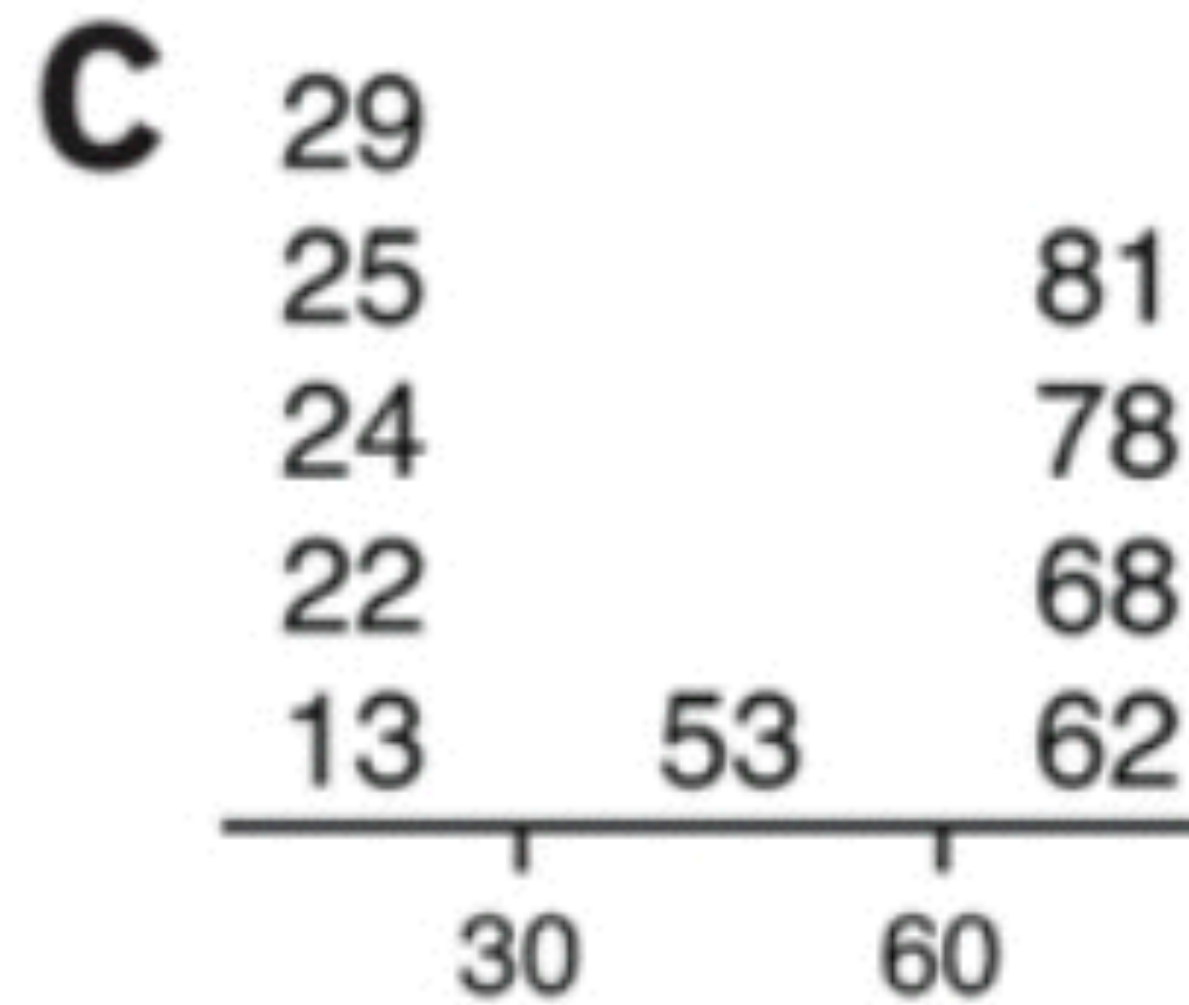
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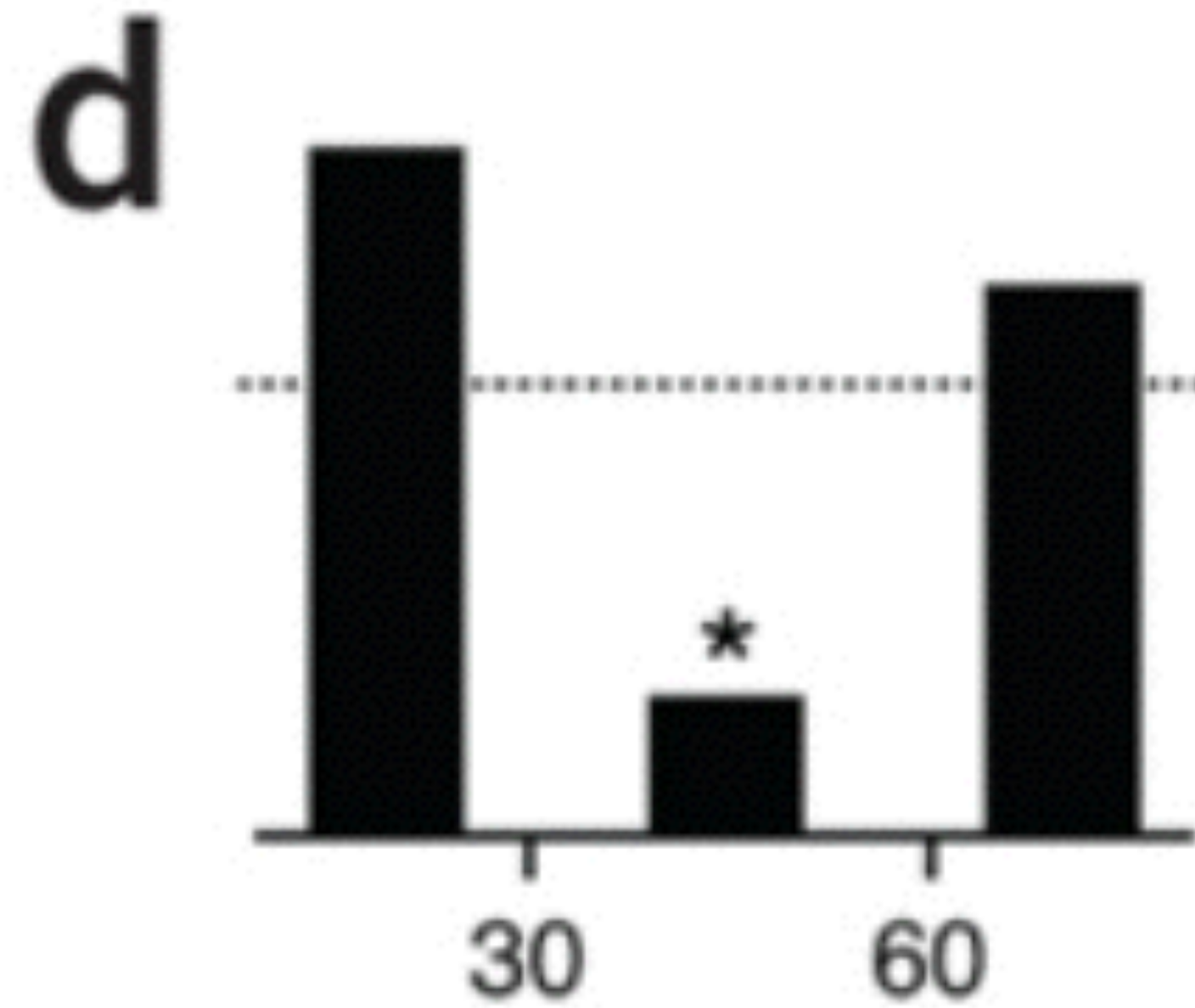
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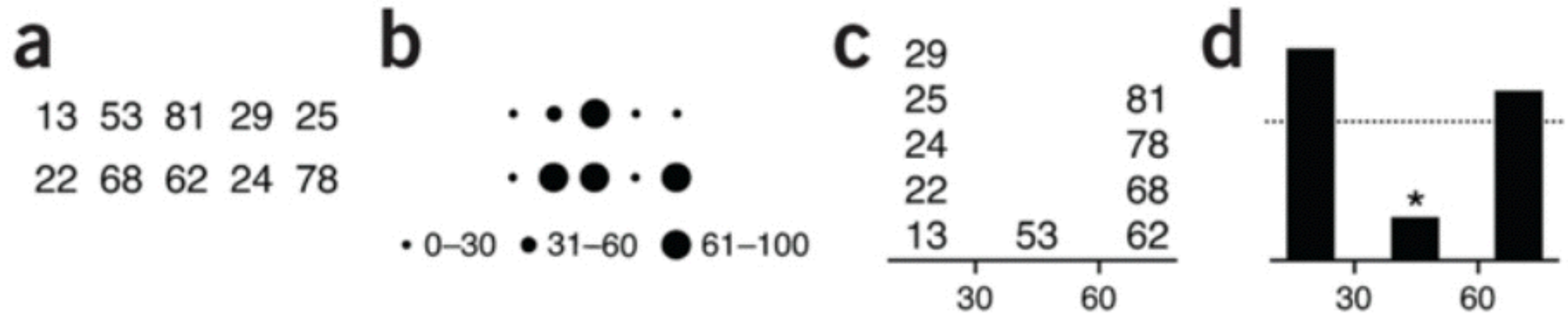
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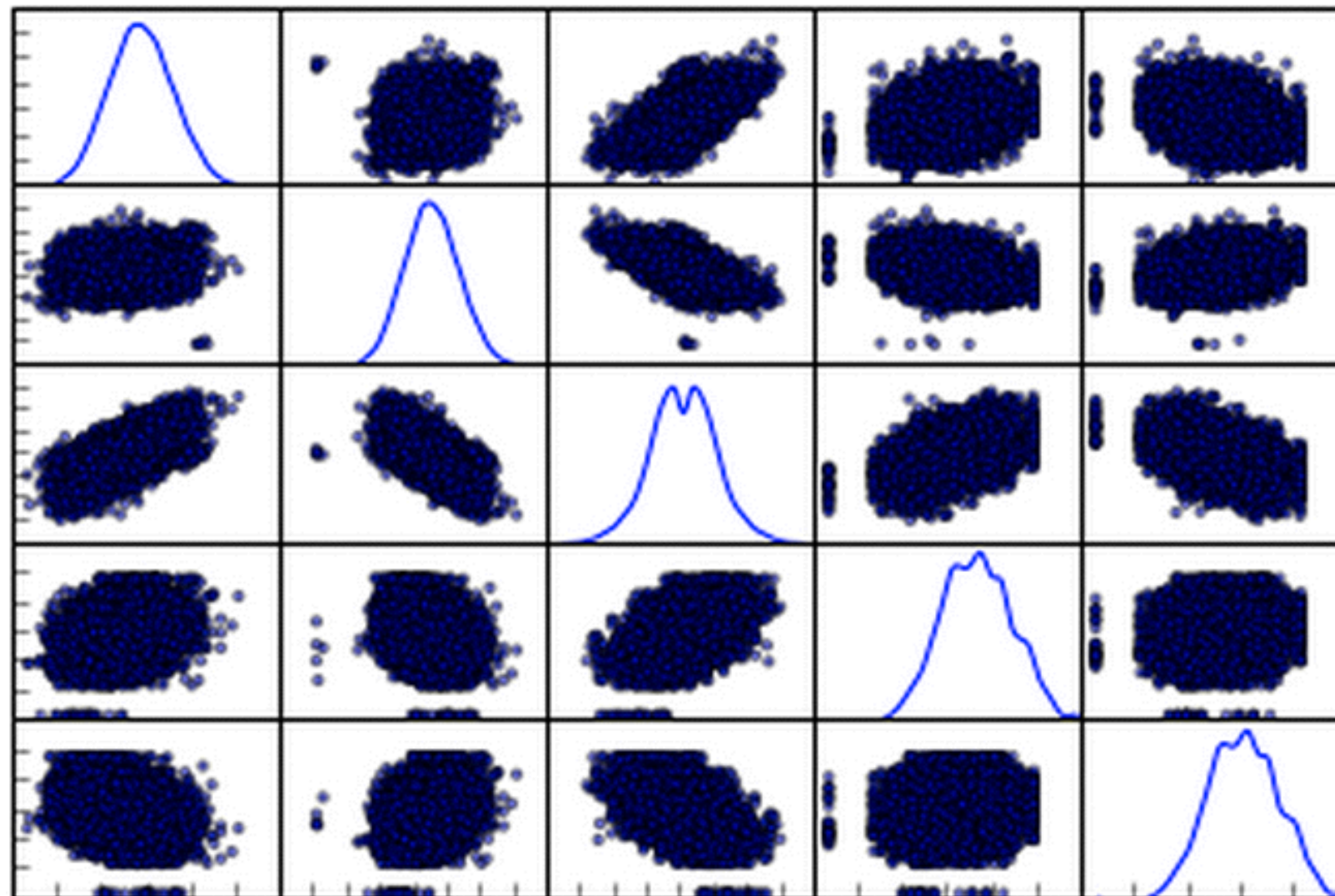
What are the uses of Data Visualization?

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- Exploring, Explaining, Applying

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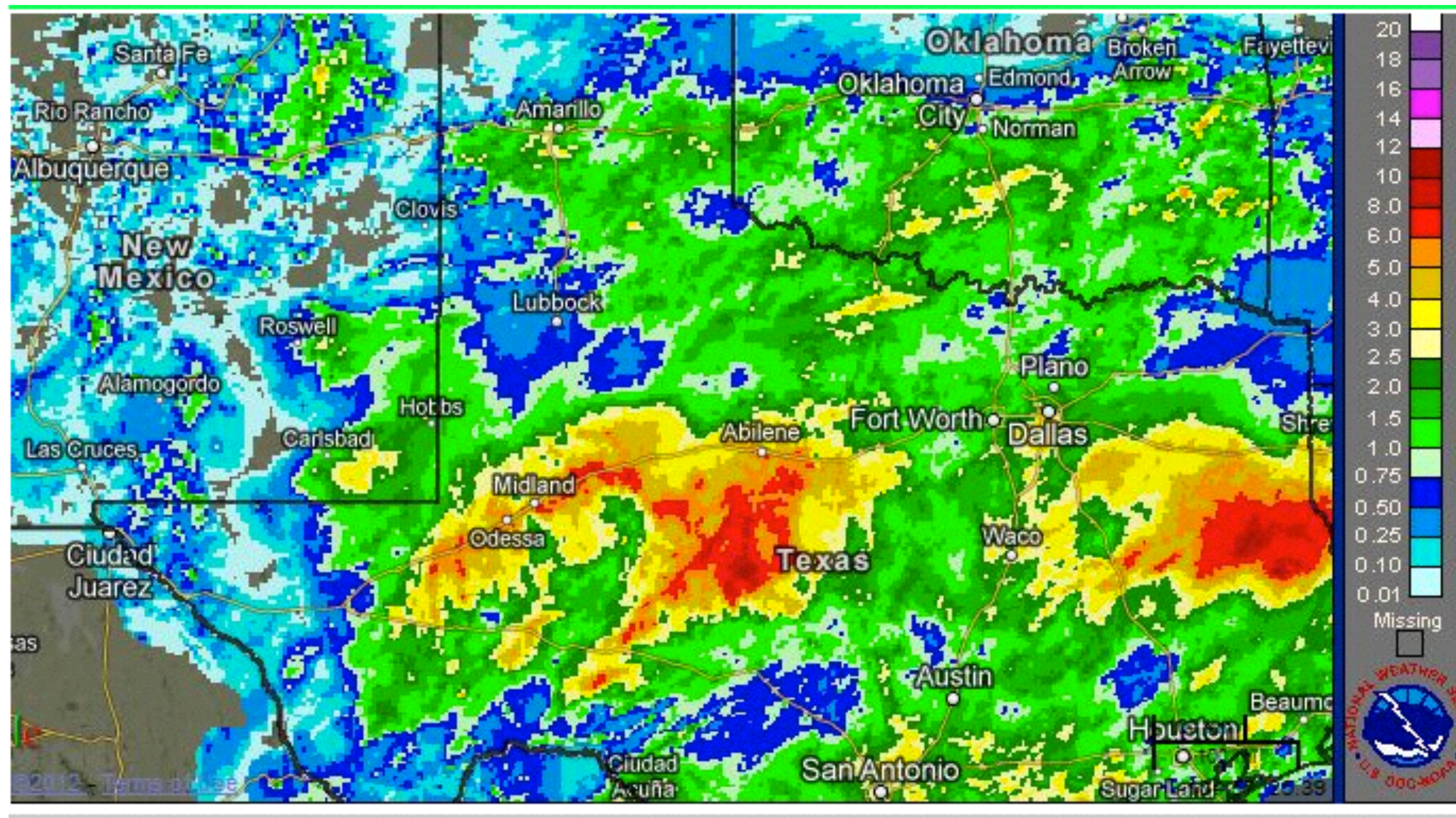
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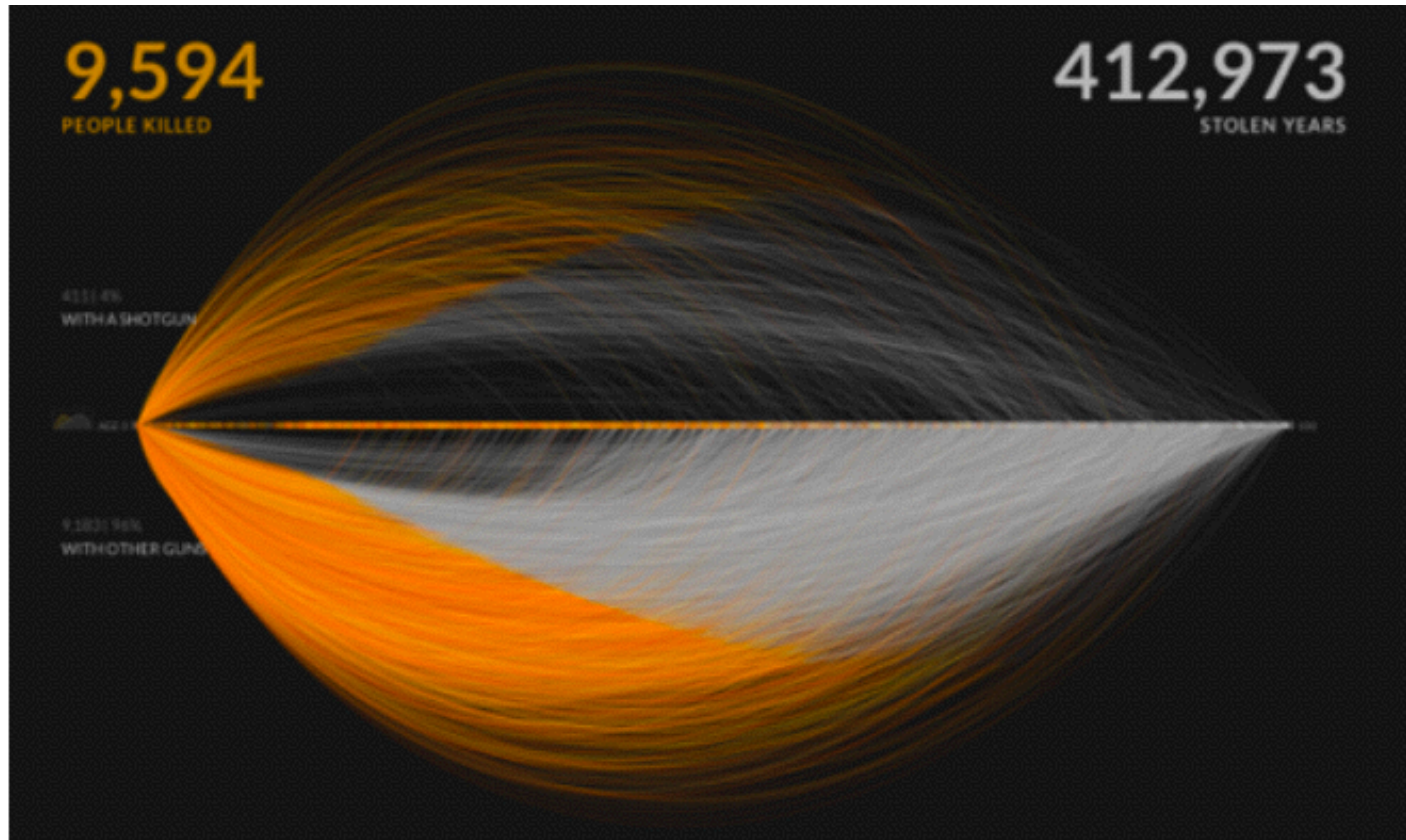


DISCUSSION

Break into groups of 4 and discuss project ideas:

II. APPLYING DATA VISUALIZATION TO DIFFERENT MODELS

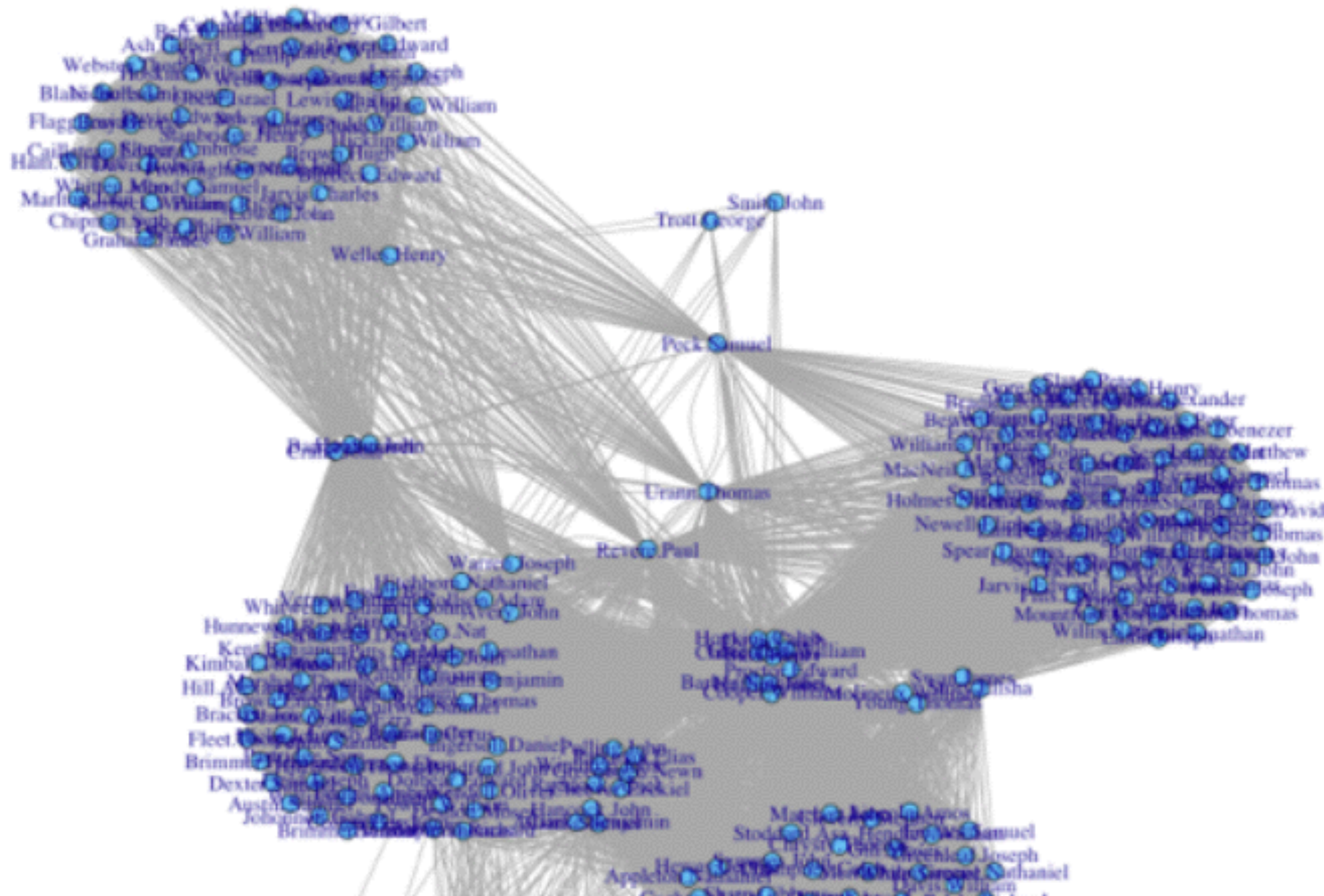
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Supervised	regression	classification
Unsupervised	dimension reduction	clustering



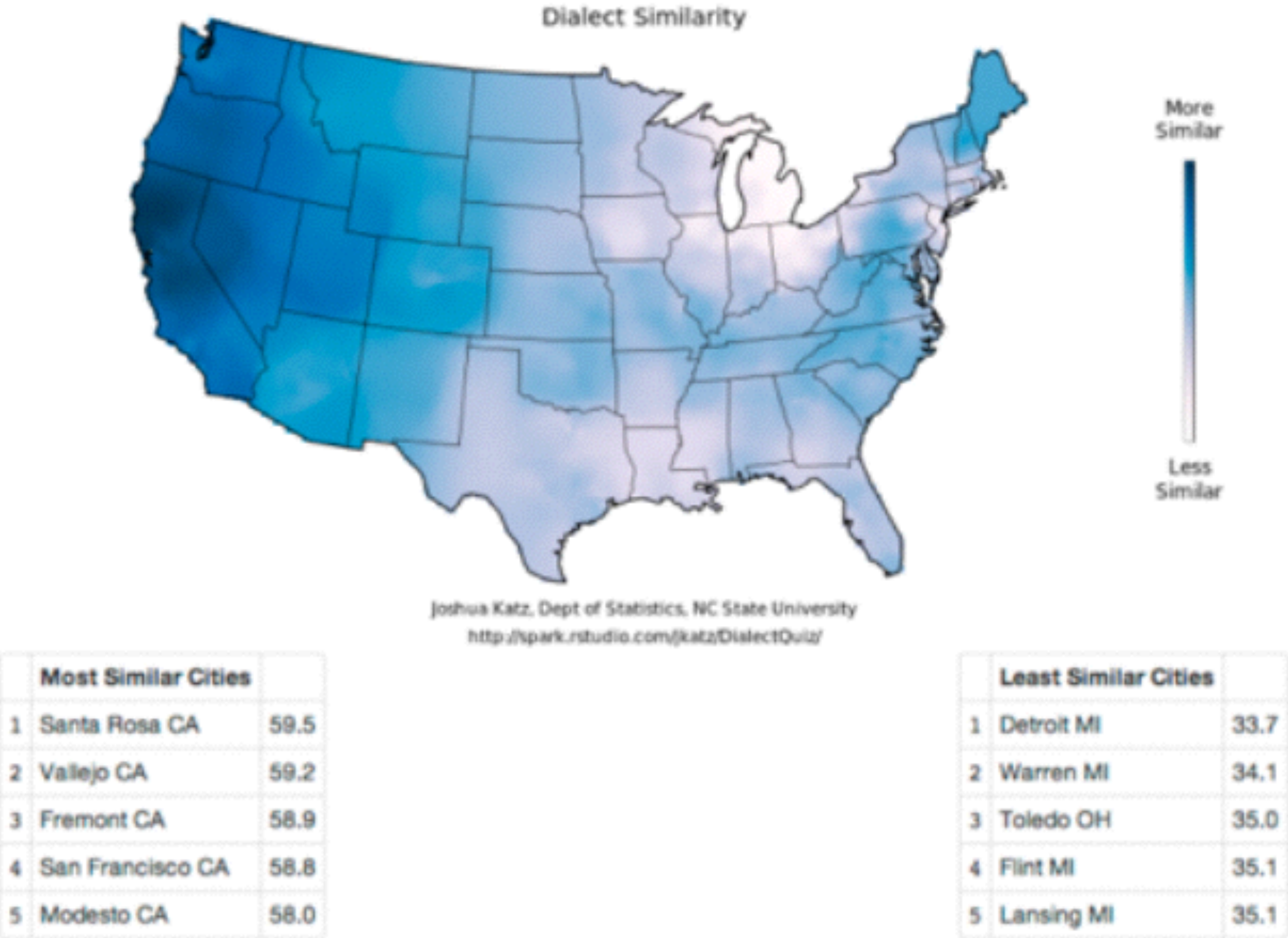
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INTRO TO DATA VISUALIZATION

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Continuous

Categorical

Supervised

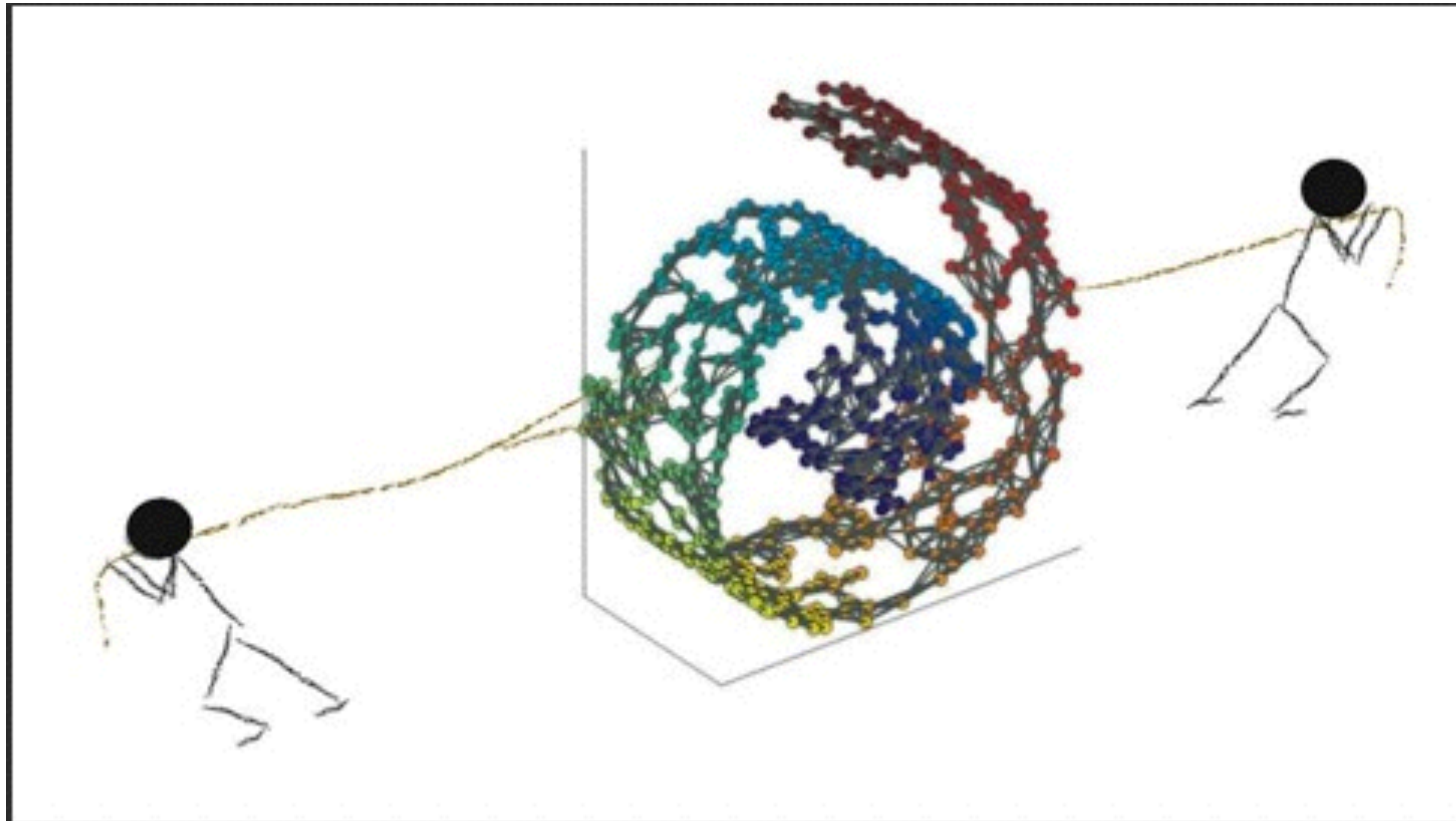
regression

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REVIEW

- How might you apply Data Visualization to the project ideas your group came up with?