

Mental Health in Tech



Goal

Investigate the prevalence and characteristics of reported mental health issues in the tech industry.



Mental Health In The Tech Industry

Analytical Tasks and Key Data



Problem

Understand the prevalence and characteristics of reported mental health issues in the tech industry.

Data Source

Title: Mental Health Analysis in Tech Workplace (2014)

Source link: <https://www.kaggle.com/datasets/osmi/mental-health-in-tech-survey>

Collaborators

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Dataset

27 attributes: Age, Gender, Location, Company Size, Remote Work, Tech Company, support systems, among others.

Analytical Task #1

Understand company characteristics and % employees seeking treatment

Key Data

- Geography, Company Size, Tech Company, Seeking Treatment

Analytical Task #2

Understand employee characteristics and % employees seeking treatment

Key Data

- Gender, Age, Attitude, Seeking Treatment, Company Size, Geography

Analytical Task #3

Understand factors influencing employees seeking mental health treatment

Key Data

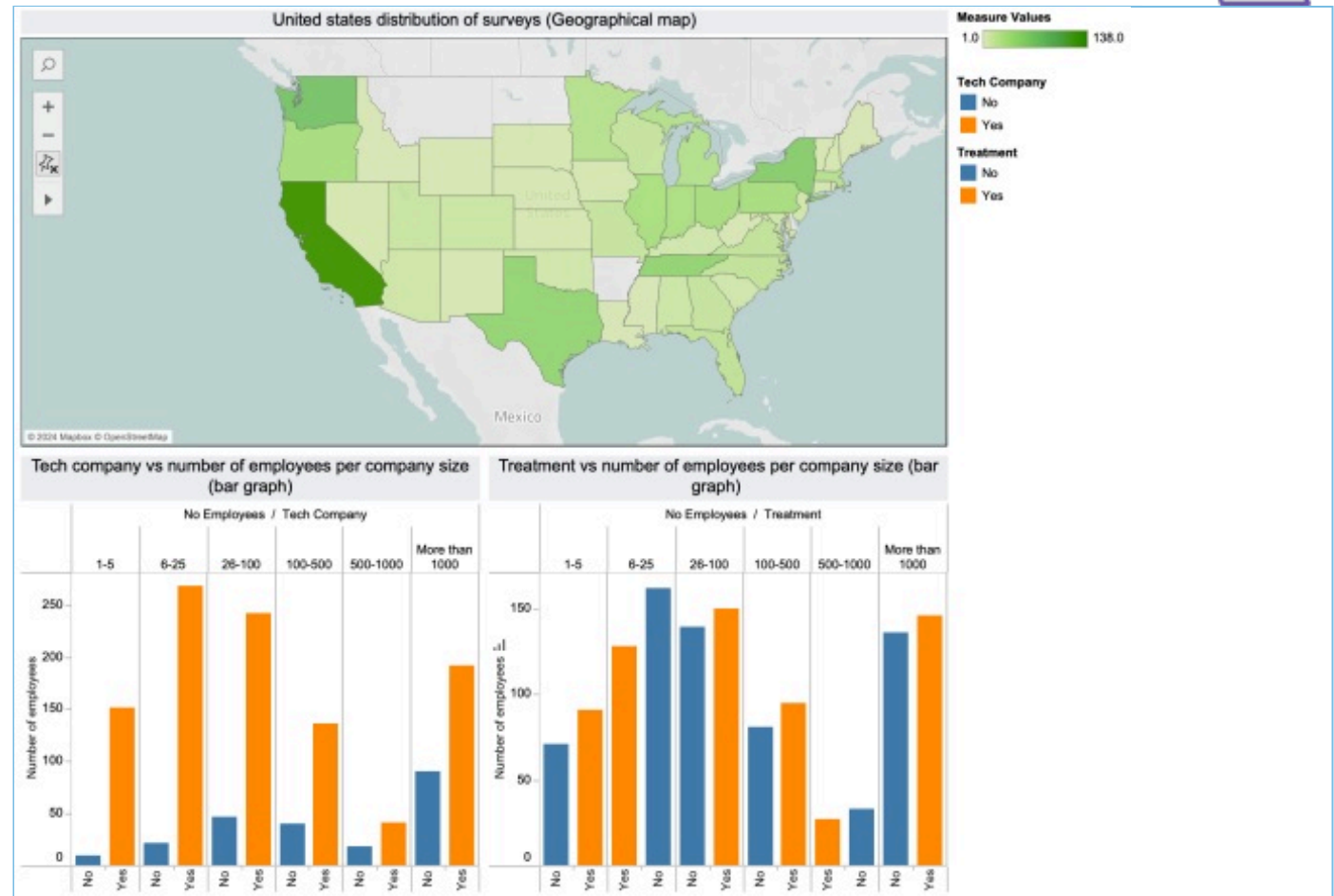
- Seeking Treatment, Willingness to Mention, Understand Mental Health Care Options, Company Size

Planned Visualization #1



Analytical Task #1

Understand company characteristics and % employees seeking treatment

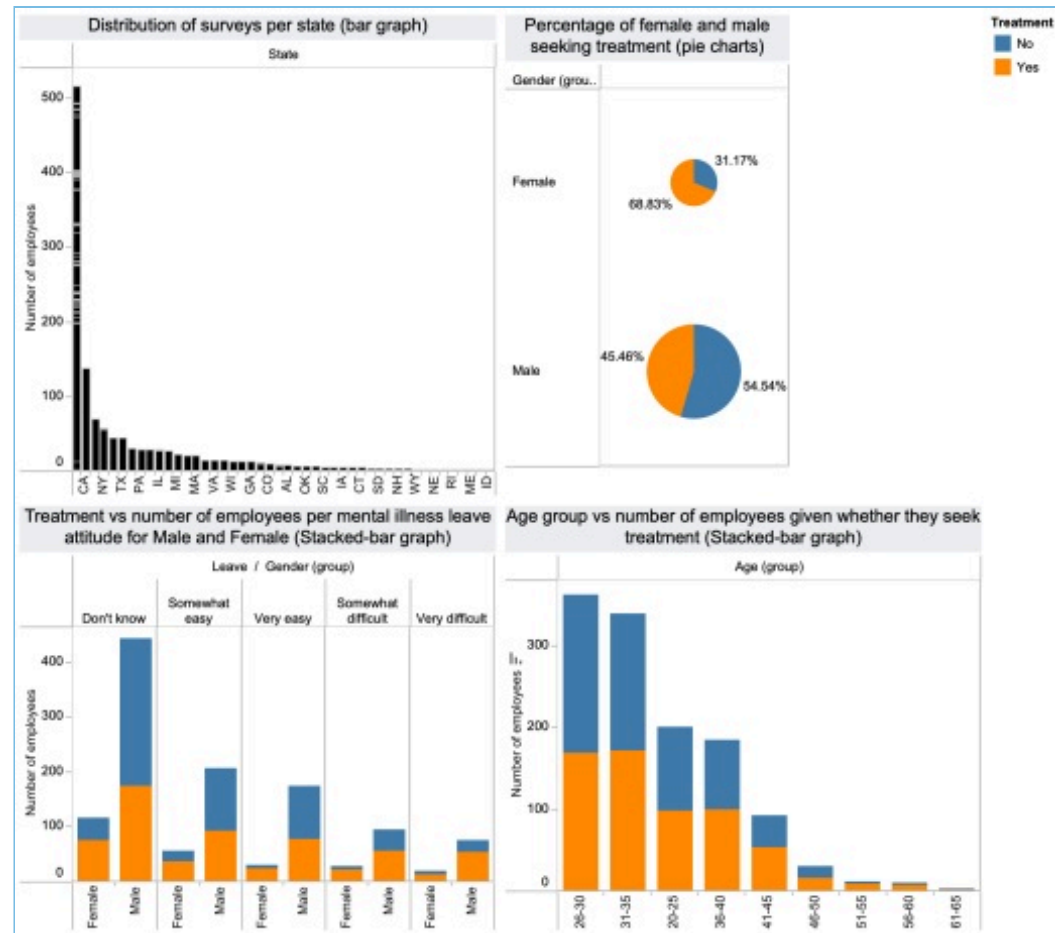


Planned Visualization #2



Analytical Task #2

Understand employee characteristics and % employees seeking treatment

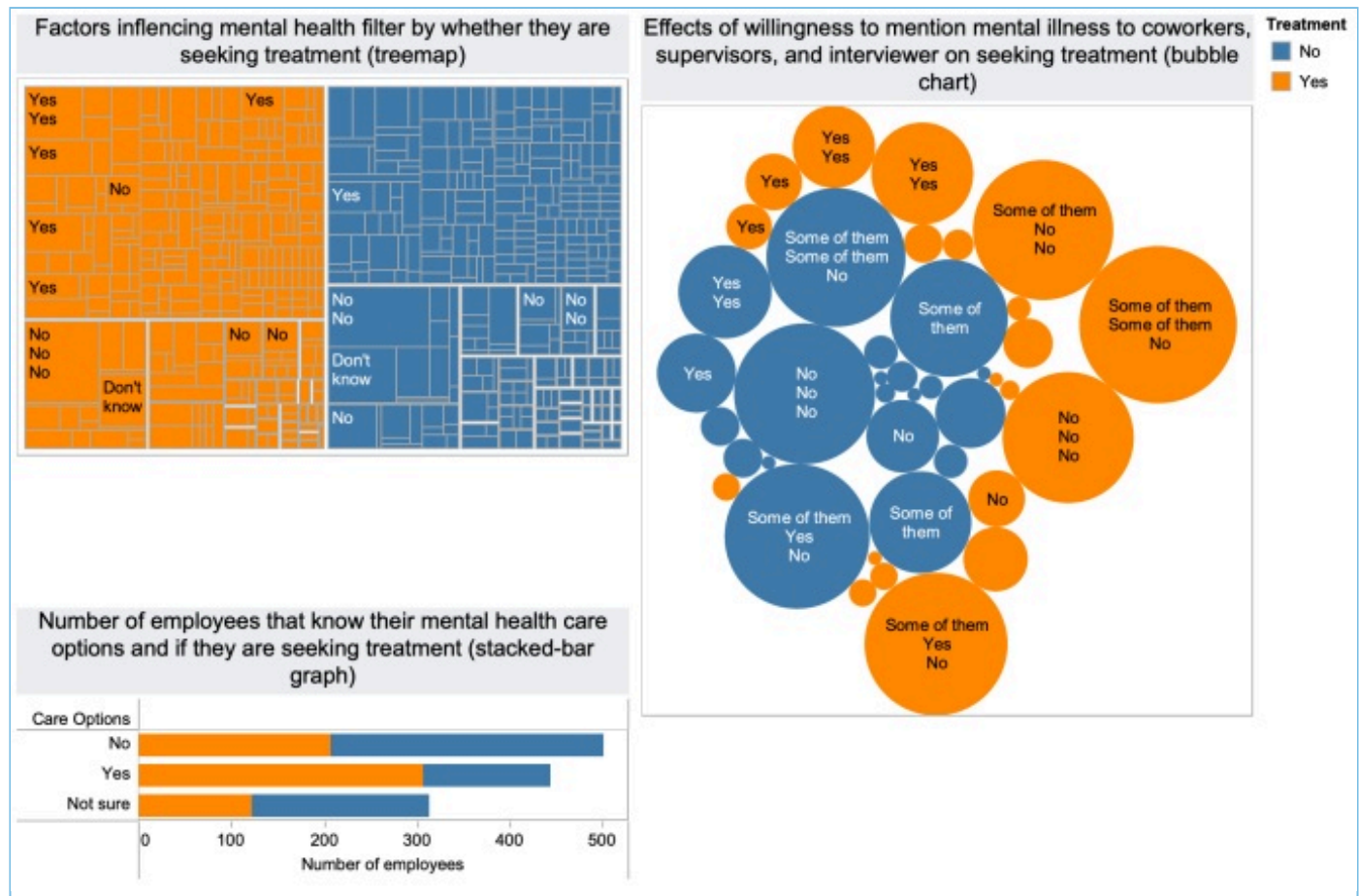


Planned Visualization #3



Analytical Task #3

Understand factors influencing employees seeking mental health treatment.



Instructor Feedback / Issues Encountered



Instructor Feedback

#1 Lack time series data so line chart not recommended. Recommend column histogram chart to analyze age categories, can also incorporate gender in same chart. **(Done)**

#2 Too much similarity between visualizations. Need to leverage additional attributes available from dataset. **(Done)**

Issues Encountered

#1 TBD

#2 TBD

Current Status and Timeline



Identify Dataset,
Project Proposal,
Draft Visualizations

Feb 16th, 2024

Done

Mid-term Slides,
Storyboard &
Tableau
Visualizations

Mar 15th, 2024

Done

D3 Visualizations
& Final Report

Apr 29th, 2024

In Process

Final Poster &
Presentation

May 13th, 2024

To Do

Credit: Icon by Iconpro86 on Freepik

Thank You!