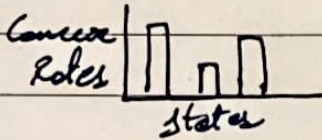# Sheet-1

Name : Khush Kohli

Date : 31/10/2025
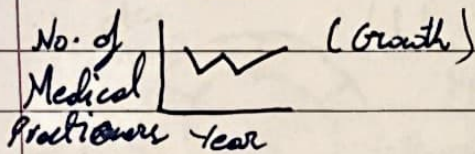
Ideas:

① Cancer Rate Chloropleth Map
(Australian Map divided into states
with color shading for rates)
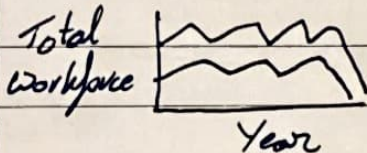
② Bar Chart

Cancer
Rates
states

③ Line Chart

No. of (Growth)
Medical
Practioners Year

④ Stacked Area chart

Total
workforce
Year

⑤ Donut Chart: Latest Year Workforce
Share

Filter:

Bar Chart → Similar to
Chloropleth; no
new insight

Stacked Area
Chart → may look
cluttered (too many
projections)

Categorise:

Cancer rate by state → Chloropleth
Map

Medical practioners over
time → Line Chart

Latest year workforce
composition → Donut chart

Combine & Refine:

• Combine map + line + donut to
show where, when & what
• use same colour theme
(purple = cancer, blue/green
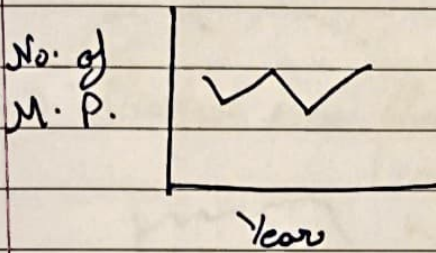= workforce
• Simple flow: Map → Line → Donut

Questions:

• Should I show cancer incidence
or mortality?
• Do workforce numbers need to be
normalised?
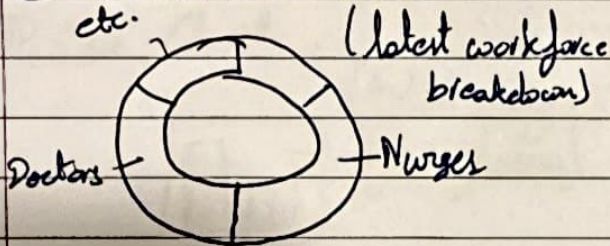• which color scales will separate
the 2 datasets?

Layout:

Vertical Scroll

① ~~Eto~~ Chloropleth Map
(cancer rates by state)

② Line Chart

No. of
M.P.

Year

③ Donut Chart
etc.

(latest workforce breakdown)

Doctors —| |— Nurses

Focus:

Show the connection b/w where cancer burden is high & how health capacity is evolving nationally

Highlight that the workforce is growing even as cancer remains high in some regions.

Title : Cancer Vs Care Growth
Author : Khush Kohli
Sheet : 2
Task : Cancer by State + W.F. Growth
Date : 31/10/2025

Operations :

• Hover toottips for values

• Click legend to highlight a state or profession

• Light animations (fade-in by section)
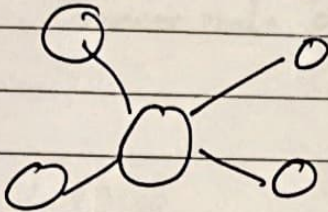
Discussions :

• Chloropleth Map :
 + clear spatial pattern
 - no time trend.
• Line Chart :
 + shows growth
 - lacks regional detail
• Donut Chart :
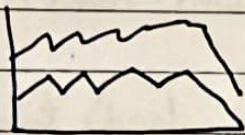 + easy proportion
 - static snapshot.

Layout:

① Bubble Map
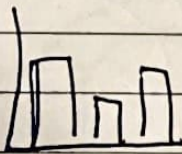(Cancer rate by state)

② Stacked Area Chart
(workforce growth by profession)

③ Bar Chart
(total change by profession)

Focus:

- Show where cancer burden is highest
- how workforce grew nationally
- which profession increased the most
- Contrast b/w state-level burden & national capacity trends.

Title : Cancer & Workforce Change
Author : Khush Kohli
Date : 31 / 10 / 2025
Sheet : 3
Task : Cancer Rate & M.P. evolution
Operation :

- Hover for values

- Click legend to filter

- Smooth scroll transition

Discussion:

- Bubble Map :
  + eye-catching
  - less precise

- Stacked Area Chart:
  + shows growth
  - cluttered

- Bar Chart:
  + easy comparison
  - static only.

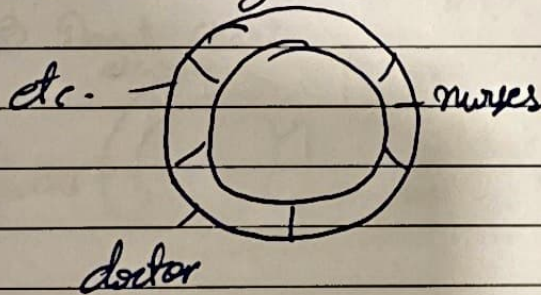| Layout:	Title : Patterns of Cancer & Care
	Author : Khush Kohli
	Date : 31/10/2025
① Chloropleth Map	Sheet : 4
(cancer rate by state)	Task : Overall patterns

Layout:

① Chloropleth Map
   (cancer rate by state)

② Heat Map
   (professions vs year)
   (color = count intensity)

③ Donut Chart
   (work force composition)
   (latest year)

etc. ——— nurses

doctor

Operation:

- Hover to view values & labels.

- Click legend to highlight profession

- Smooth color transitions b/w charts.

Focus:

- Identify spatial hotspots of cancer

- Reveal which professions grew fastest by year

- Show workforce composition at a glance

Discussion:

- Chloropleth Map:
   + strong geography
   − no trend

- Heat Map:
   + reveals patterns
   − dense for viewers
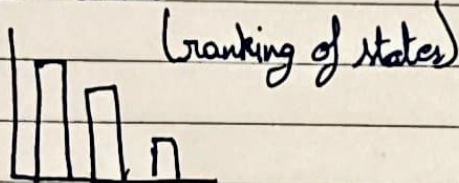
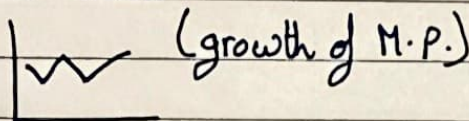- Donut Chart:
   + clear snapshot
   − less detail.
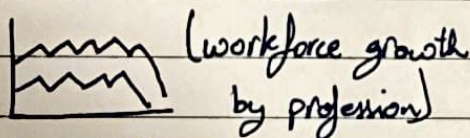
Layout:

① Chloropleth Map
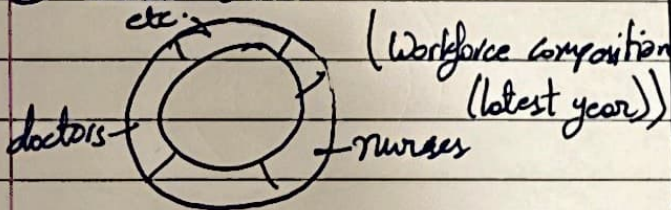   (cancer rate by state)
② Bar Chart
   (ranking of states)

③ Line Chart
   (growth of M.P.)

④ Stacked Area Chart
   (workforce growth
    by profession)

⑤ Donut Chart
   etc.
   (Workforce composition
    (latest year))
   doctors— —nurses

Title : Final Design Sheet
Author: Khush Kohli
Date : 31/10/2025
Sheet : 5
Task : Final Implementation

Operation :

- Hover to show tooltips
  (state, rate, year, profession, value)

- Click legend to isolate professions

- Subtle fade-in transitions while scrolling

- Single page layout with smooth flow b/w charts.

Focus :

- Spatial patterns across states
- Highlight top & bottom states
- Time-based workforce growth
- Compare professions over time & totals
- End with current workforce mix for context

Details:

- Follows a storytelling layout moving from cancer burden to workforce response
- Combines spatial & temporal datasets for a complete national health picture
- Uses a consistent color theme & clear tooltips for readability & focus.