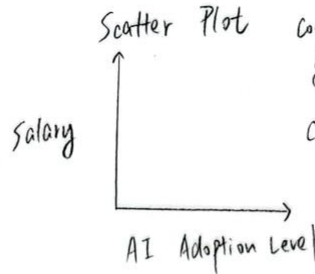
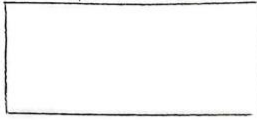


Ideas

Sheet: 1 Name: Qinyang Qian ID: 32402376

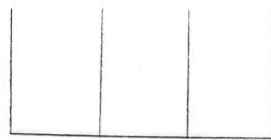
Studio: 10 Tutor: Ria

Choropleth Map



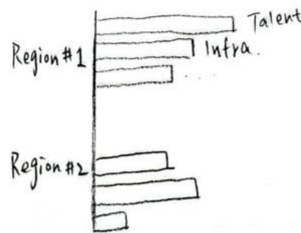
do a global one  
& one for sydney

Parallel Coordinates

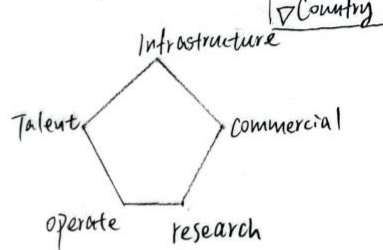


Talent Infrastructure Research Development

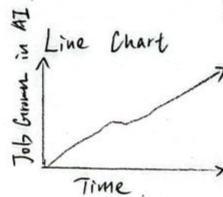
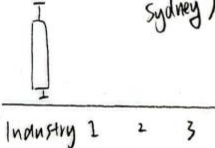
Stacked bar chart



Radar Chart



Box Plot (Global vs. Sydney)



Filter: Keep ① Choropleth map

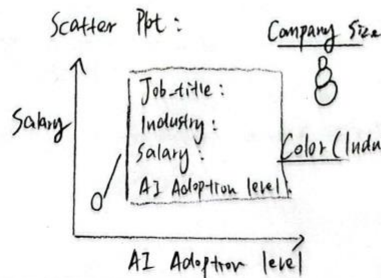
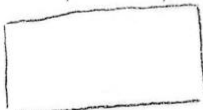
② Scatter Plot (Correlation between AI Adoption level and Salary)

③ Radar chart (Compare)

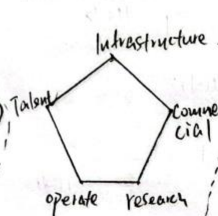
④ Box plot (visualize salary distributions across industries from AI Job Market)

Combine & Refine:

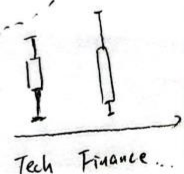
Choropleth Map



Radar Chart



Box-Plot



Summarise and Question:

This sheet explores various visualisation ideas, including a choropleth map, scatter plot, parallel coordinates, radar chart, stacked bar chart, box plot and line chart.

These visualisations aim to analyze and compare AI Adoption levels, salary distributions, and the development of AI in different regions.

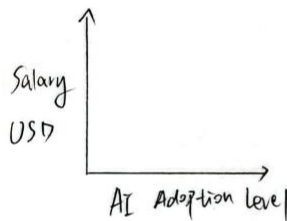
Question: Which visualisations best capture the relationship between AI Adoption level and salary on both a global scale and specific Region like Sydney?

Layout

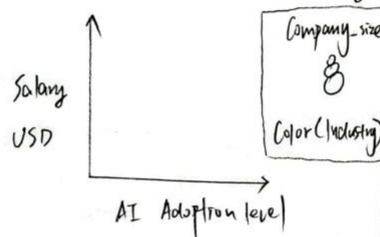
Choropleth Map



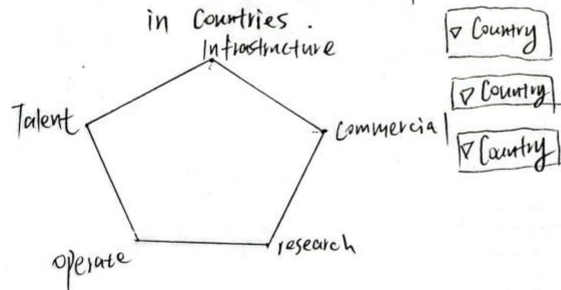
Global: correlation between  
AI Adoption level & Salary



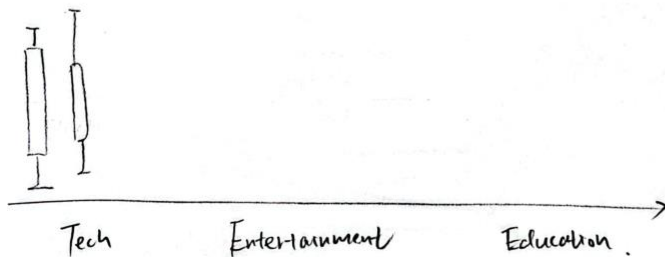
Sydney: correlation between  
AI Adoption level & Salary



Radar Chart: Compare different developments of AI  
in Countries.



Box - Plot (Globe vs. Sydney: distributions across industries)  
AI Job Salary



Sheet : 2

Name : Qinyang Qian

ID : 32402376

Studio : 10

Tutor : Ria

## Components / Operations

Map: display AI Index total scores of regions.

Scatter Plot: Visualize the relationship between AI adoption level and salary with Company size and industry as variables.

Radar chart: Compares the development of AI in various countries across factors such as infrastructure talent & Research.

## Pros / Cons

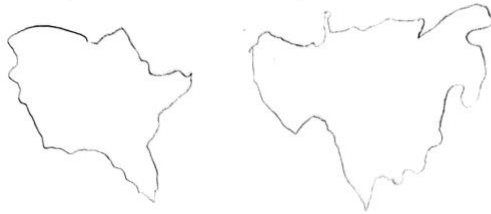
Pro: Provide a good comparison between global and Sydney-specific trends.

- Combine several perspectives into one comprehensive view.

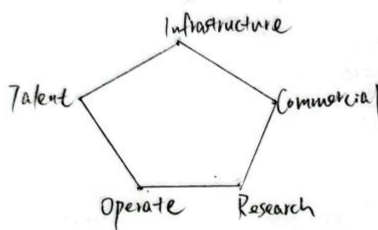
Con: Require clear labeling and interactivity to make the relationships between variables easily understandable.

Layout

Choropleth Map

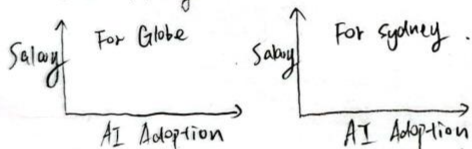


Radar Chart: Compare differences of AI Developments in different countries



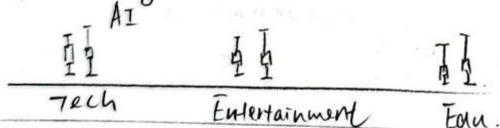
Text Descriptions

Correlation between AI Adoption level and Salary



Text Description

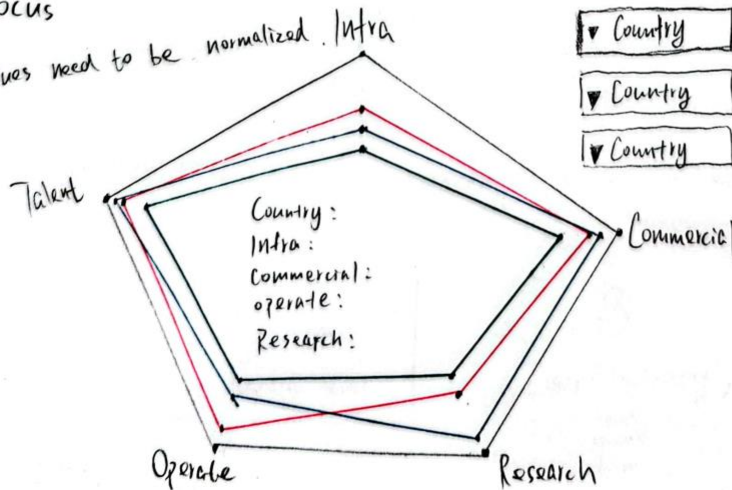
Box Plot: Salary Distributions across Countries of AI



Text Description

Focus

values need to be normalized. Intra



use color to distinguish different countries

Sheet: 3

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ID: 32402376

Studio: 10

Tutor: Ria

Components / Operations

1. Map: Hover Interaction for detailed country Data
2. Radar chart: Dropdown for country Selection
3. Scatter Plot: show the correlation between AI Adoption and salary for global and sydney regions.

Pros / Cons

Pros:

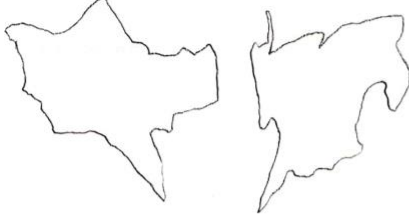
- Comprehensive multi-chart view on AI adoption
- Interactive and easy to explore.

Cons:

- Potential information overload.
- Limited regional focus on Sydney in one scatter plot.

## Layout

### Choropleth Map



### Text Descriptions

Sheet: 4

Name: Qinyang Qian

ID: 32402376

Studio: 10

Tutor: Ria

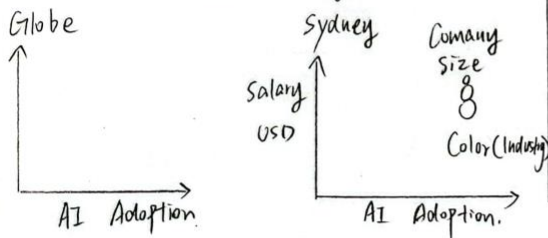
### Components/operations

Map: Global AI performance map with hover details for each country.

Radar chart: Compares AI dimensions across countries.

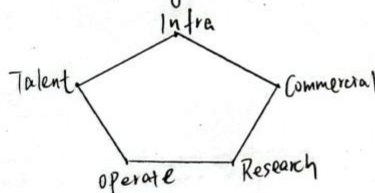
Box-plot: Salary distribution comparison across industries.

Scatter Plots: Correlation between AI Adoption and Salary



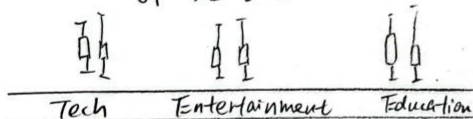
### Text Description

Radar chart: Compare AI Development in Country scope



### Text Description

Box-Plot: Salary Distributions across Country of AI Jobs



### Text Description

### Pros/Cons

Pros:

- clear insights on AI adoption in different industries.

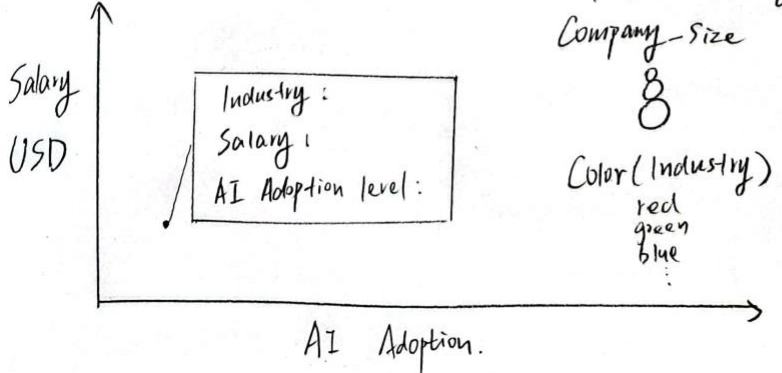
• Interactive and comparative

Cons:

- Limited industry scope.
- Regional focus might reduce global applicability.

### Focus

Scatter Plots: Correlation between AI Adoption and Salary





Layout

## Cross-Country AI Capabilities Insights

Sheet: 5

Name: Qingyang Qian

ID: 32402376

Studio: 10

Tutor: Ria

Text Description

Radar Chart

Global Landscape of AI Performance

Text

Image

Map

AI Adoption and Salary Trends Across Industries

Text

Heat map

Impact of Automation Risk On job Distribution

Text

Tree map

Components/Operations

Radar chart: compares AI capabilities across countries

with dropdown for comparison.

map: Global AI performance map color-coded by AI Index.

heat map: show salary trends by AI Adoption across industries

Details

Radar chart highlights

country comparison in AI performance.

Map shows global AI Ranking

Heatmap: visualize salary distribution by AI Adoption.

Treemap: Reveals job distribution based on Automation Risk.

Focus

Job Distribution by Automation Risk

Retail	Finance	Telecommunication	Education
Healthcare	Energy	Manufacturing	
Technology	Entertainment	Transportation	

Automation Risk: **High** ⚠️