



Case Studies

On

"Choosing an Effective Visual"



Credit Acknowledgement. Storytelling with data by Cole Knaflic

































# Webinar 1

Case Studies

On

"Choosing an Effective Visual"

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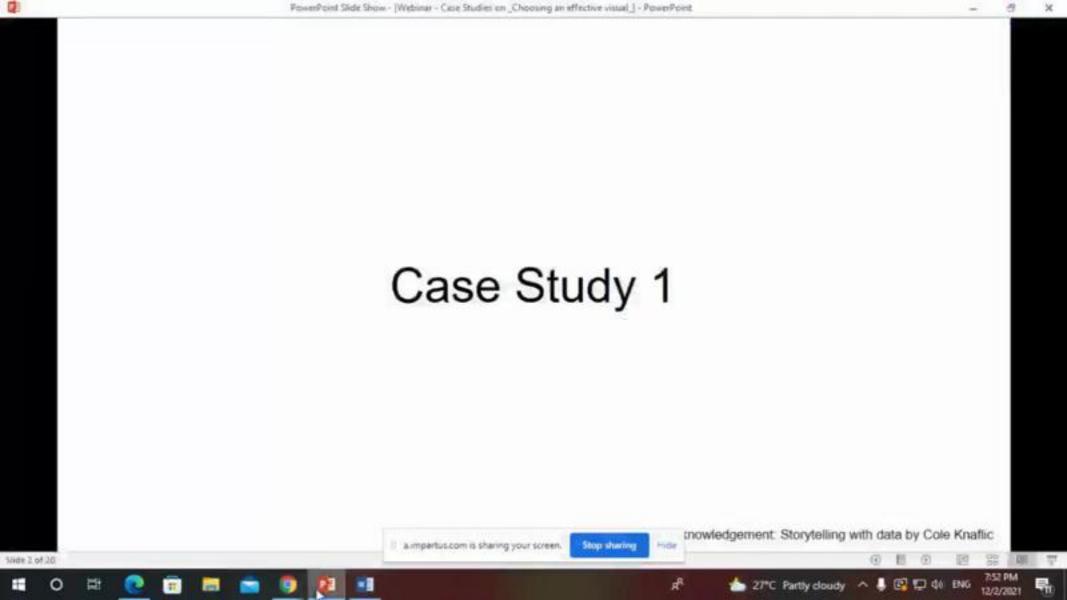












Campaign Year	Meals Served
2010	40,139
2011	127,020
2012	168,193
2013	153,115
2014	202,102
2015	232,897
2016	277,912
2017	205,350
2018	233,389
2019	232,797

What visuals would you create from the given data?

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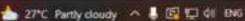
















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Virtual Classroom - Google Chr.

























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#### Meals served over time

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What are the advantages and disadvantages of using heatmap in this case study

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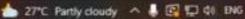




















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B - 100000	2018	233,389
	Wittmar - Case Statiles on Colonal J - PowerForst	232,797

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## **Heat Mapping**

#### Meals served over time

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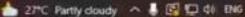






















## **Heat Mapping**

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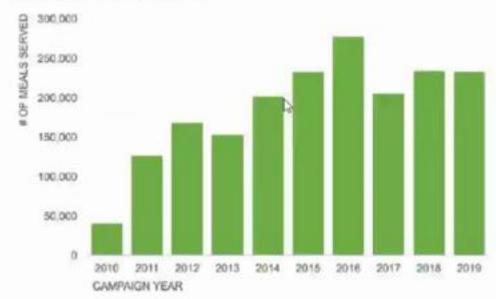








#### Meals served over time



When is a bar graph helpful?

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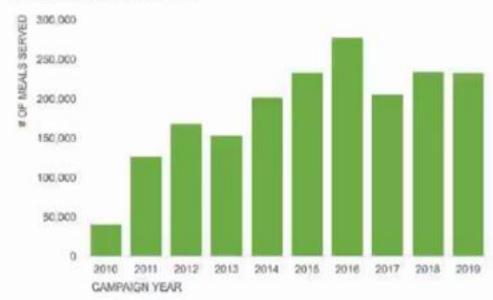








#### Meals served over time



When is a bar graph helpful?

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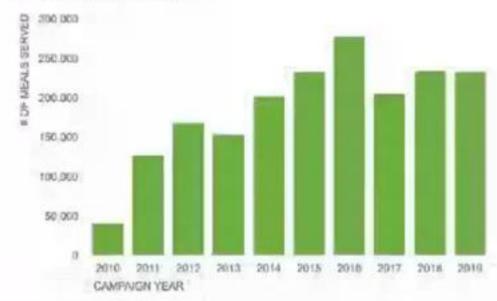








#### Meals served over time



When is a bar graph helpful?

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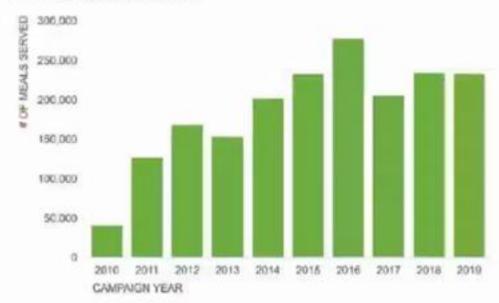








#### Meals served over time



When is a bar graph helpful?

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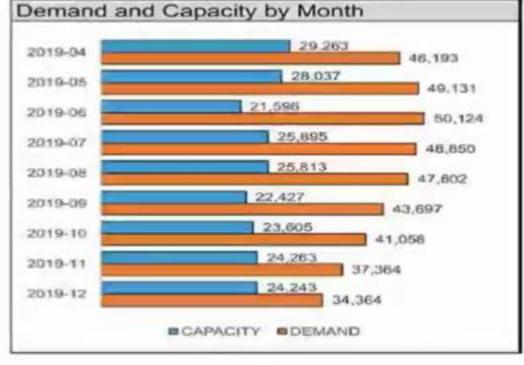








### Demand and Capacity by Month



Is this the only way to show this data?

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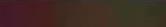






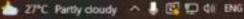








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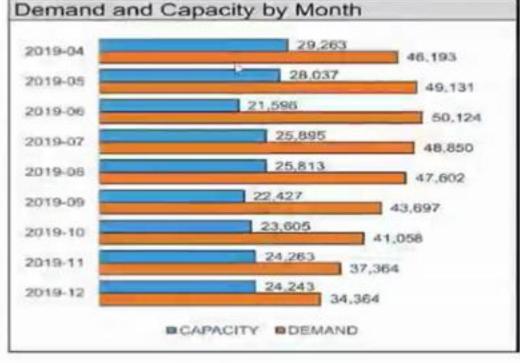






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### Demand and Capacity by Month



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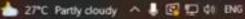












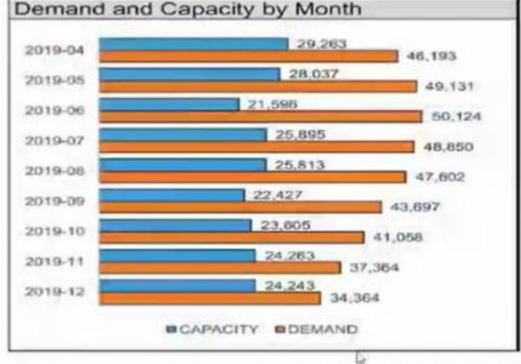








## Demand and Capacity by Month



Is this the only way to show this data?

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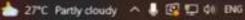










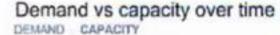


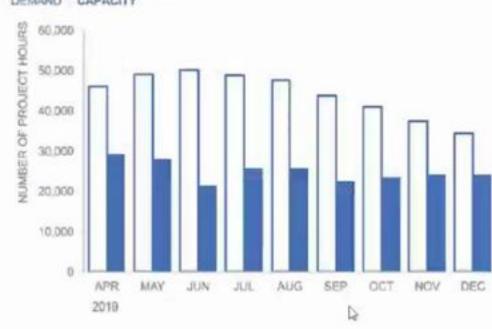












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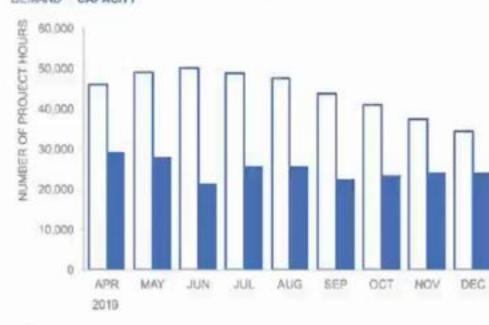






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#### Demand vs capacity over time DEMAND CAPACITY



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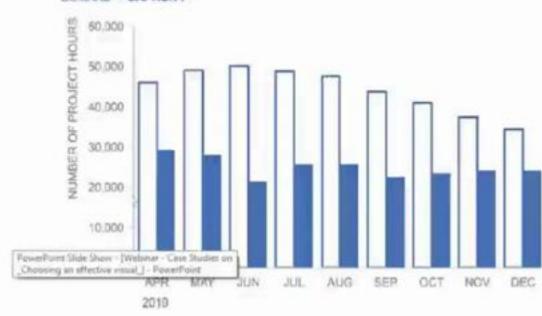












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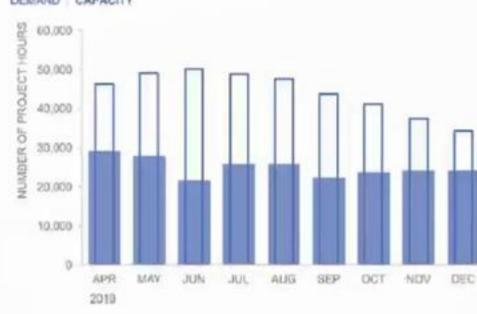


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## Overlapping Bars

#### Demand vs capacity over time DEMAND CAPACITY



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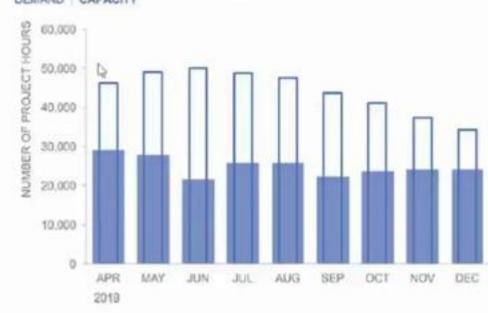






## Overlapping Bars

#### Demand vs capacity over time DEMAND | CAPACITY



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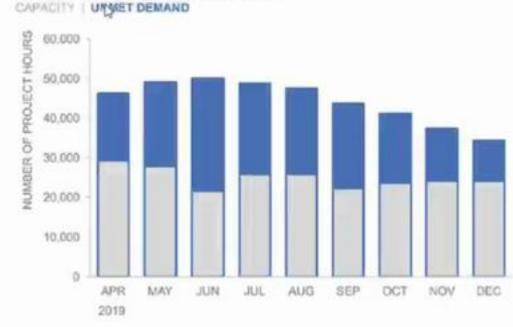


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# Stacked Bars





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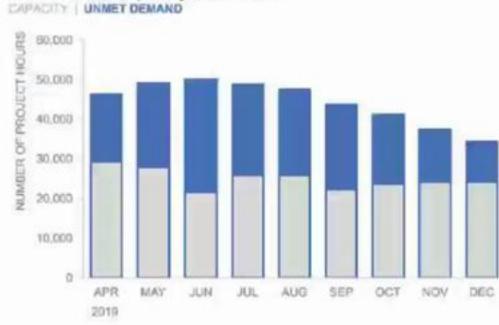






### Stacked Bars

### Demand vs capacity over time



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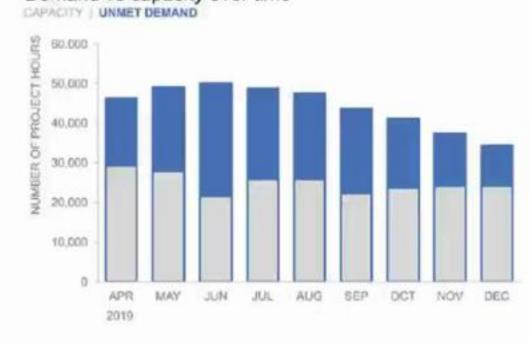






#### PowerPoint Slide Show - [Webinar - Case Studies on \_Choosing an effective visual\_] - PowerPoint

### Demand vs capacity over time



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Stacked Bars





















### Dot Plot

### Demand vs capacity over time



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## Dot Plot

### Demand vs capacity over time



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#### FacialFood State Name (Widows) Child Rodal Life (Dentity In effective strain): FoodeFood

### Demand vs capacity over time



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Dot Plot





















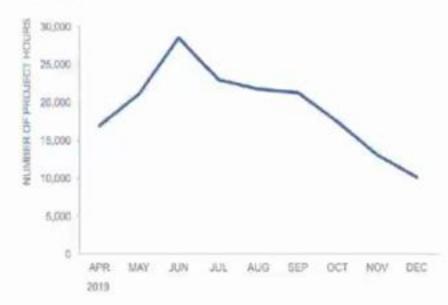






## **Unmet Demand**

### Unmet demand over time



Which type of visuals would you prefer for the given data?





Slide 14 of 20





















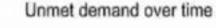


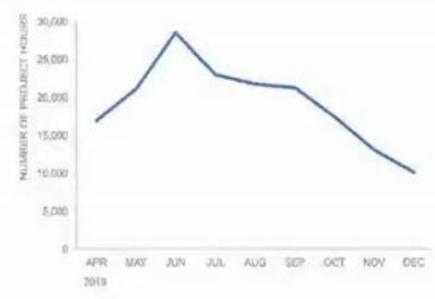




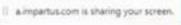


## **Unmet Demand**





Which type of visuals would you prefer for the given data?







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## Attrition Rate

	Year	Attrition Rate 9.1%		
Г	2019			
	2018	8.2%		
	2017	4.5%		
Г	2016	12.3%		
Г	2015	5.6%		
	2014	15.1%		
	2013	7.0%		
Г	2012	1.0%		
L	2011	2.0%		
	2010	9.7%		
	AVG	7.5%		

- How many different ways can you come up with to show this data?
- How would you show the average in various graphs that you created?

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Year	Attrition Rate		
2019	9:1%		
2018	8.2%		
2017	4.5%		
2016	12.3%		
2015	5.6%		
2014	15.1%		
2013	7.0%		
2012	1.0%		
2011	2.0%		
2010	9.7%		
AVG	7.5%		
7.10	1.070		

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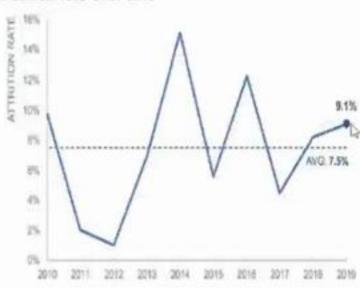


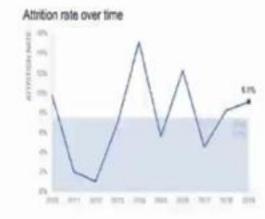




## Line Chart

#### Attrition rate over time





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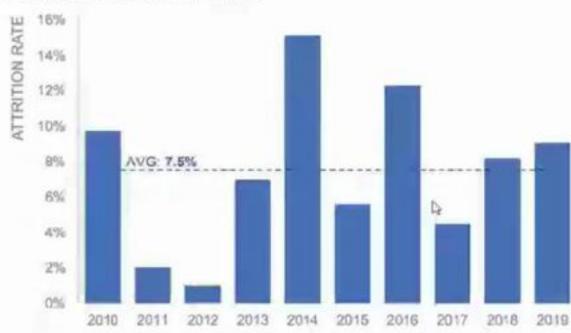






## Bar Graph

### Attrition rate over time



Which of the visuals do you like the best and why?

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