CASE STUDY 1

Number of meals served each year

Meals served over time

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?

Solution:

Heat Mapping

Meals served over time

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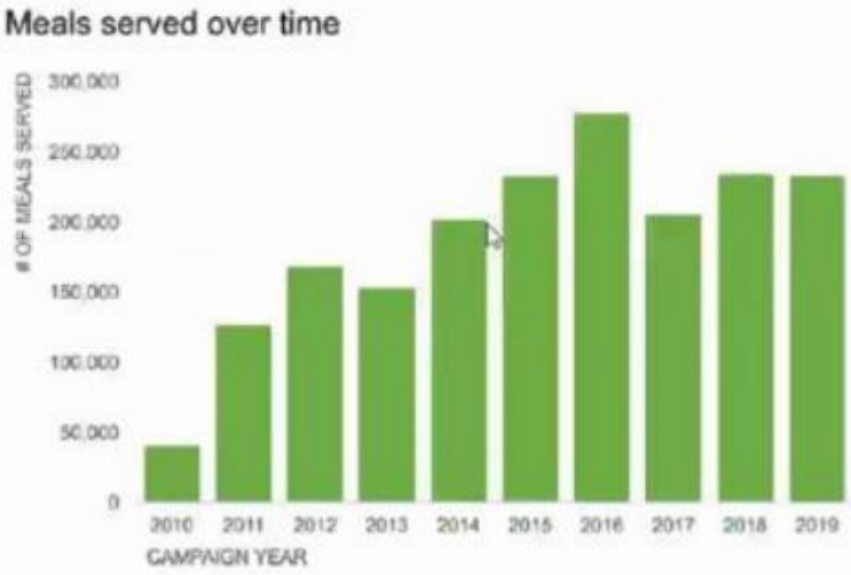
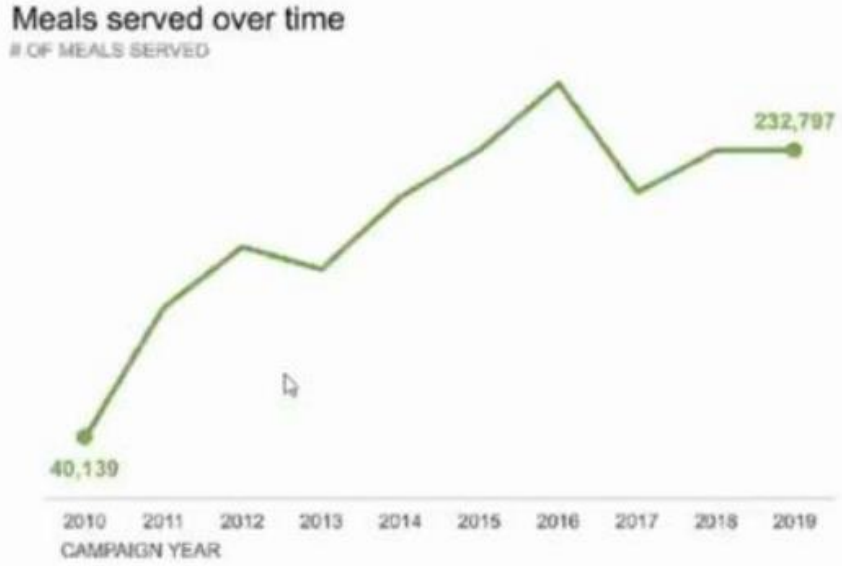
What are the advantages and disadvantages of using heatmap in this case study

Bar Graph



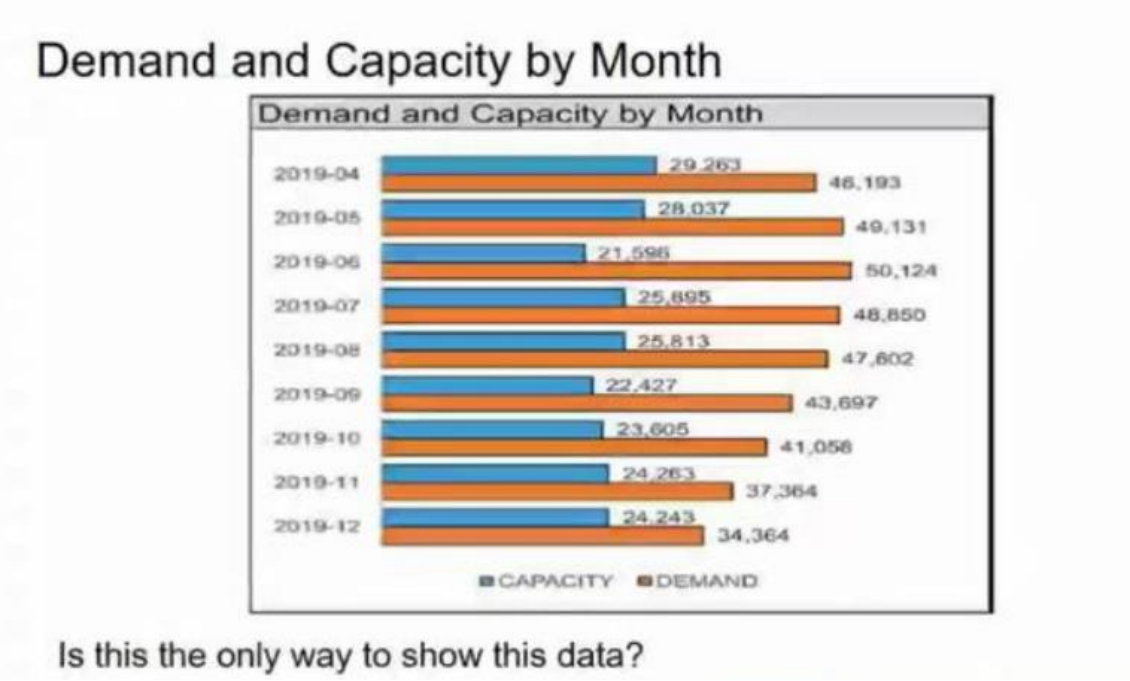
When is a bar graph helpful?

Line Graph

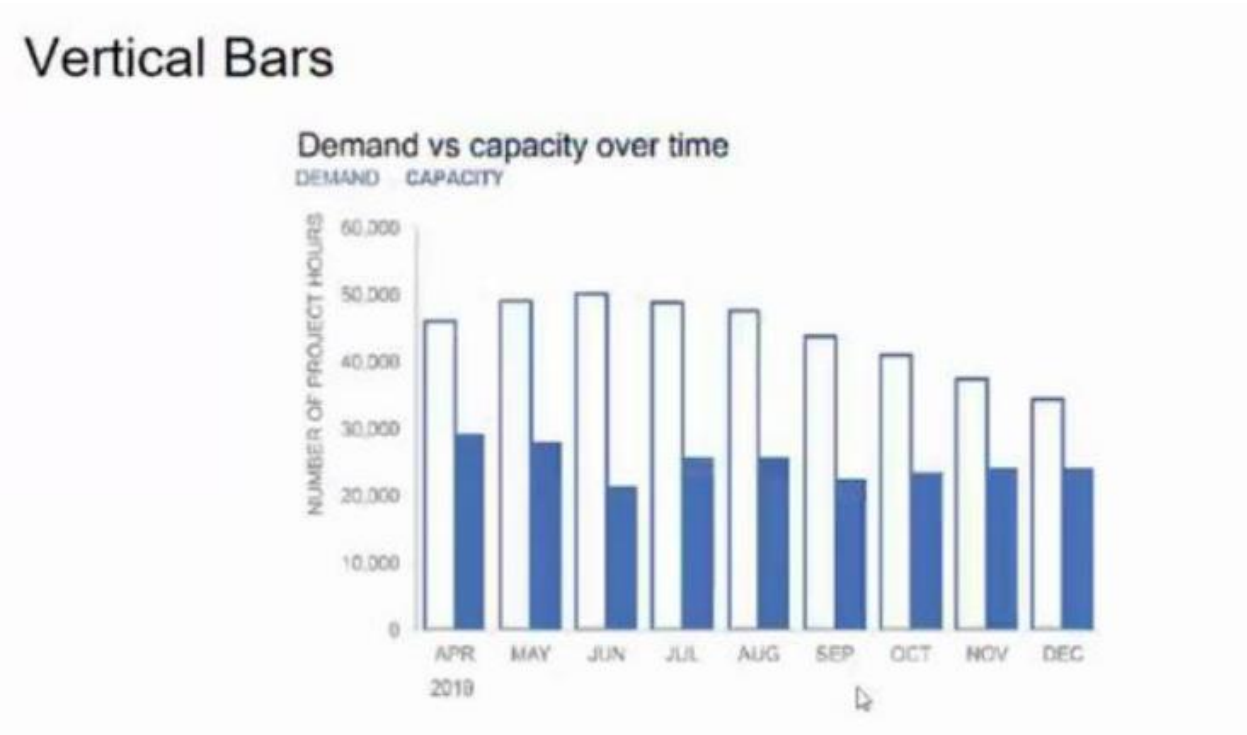


Which visualization did you like the best?

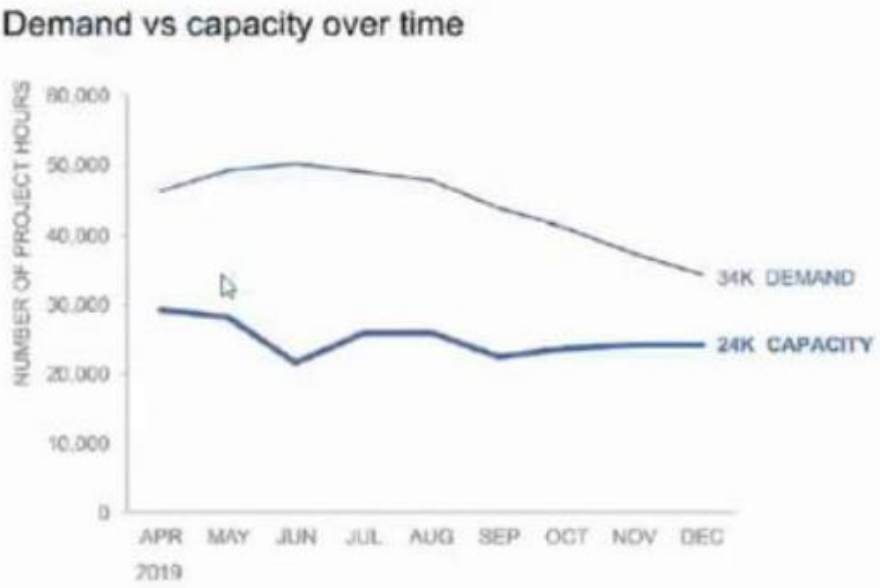
CASE STUDY 2



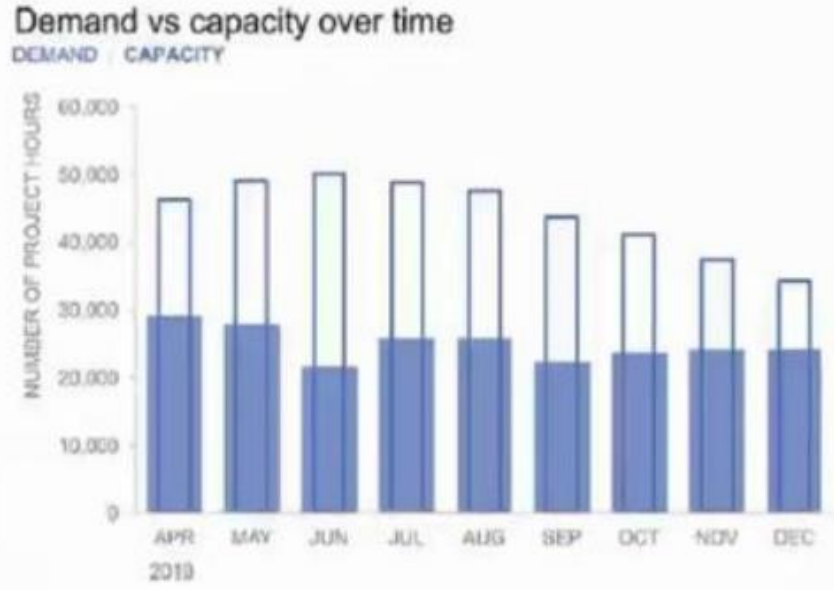
Solution:



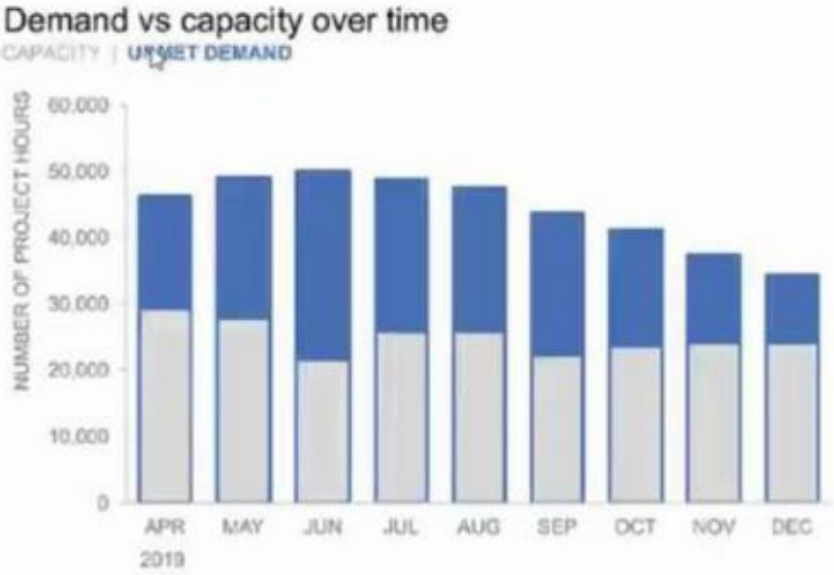
Line Chart



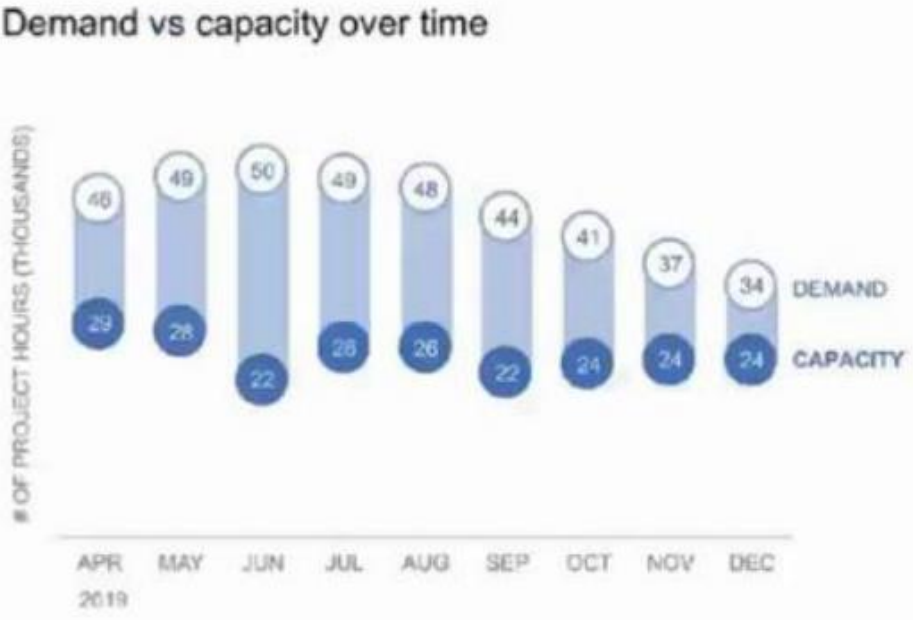
Overlapping Bars



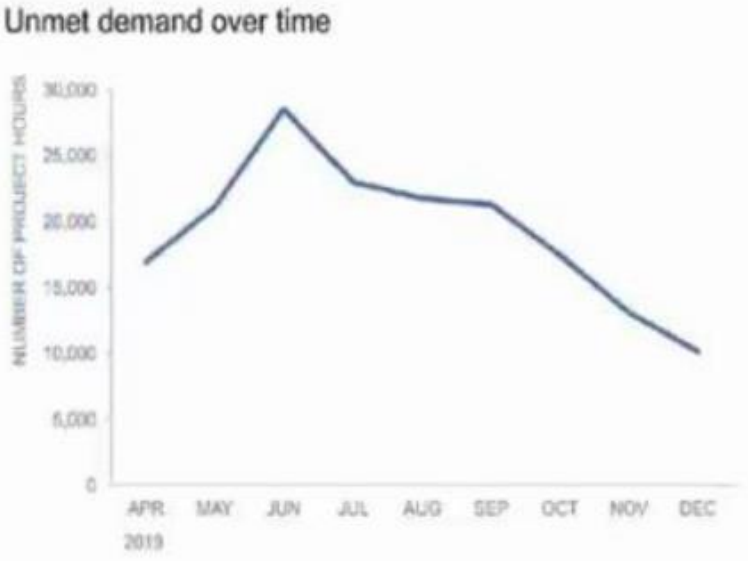
Stacked Bars



Dot Plot



Unmet Demand



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

CASE STUDY 3

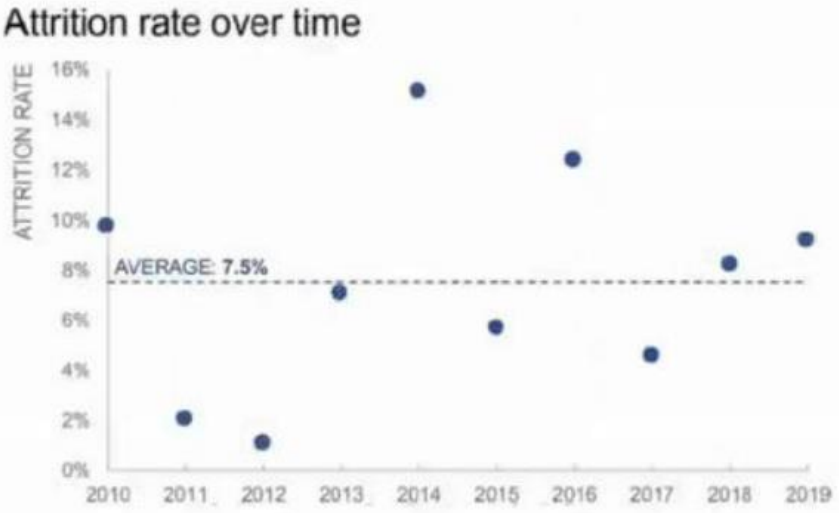
Attrition Rate

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%

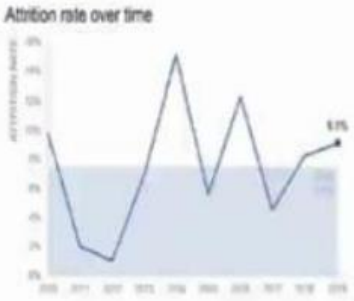
1. How many different ways can you come up with to show this data?
2. How would you show the average in various graphs that you created?

Solution:

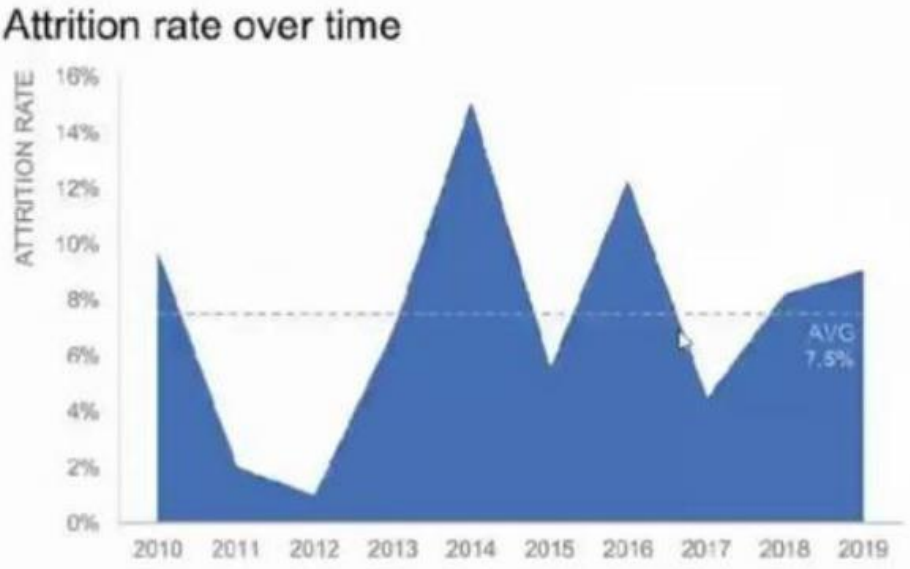
Dot/Scatter Plot



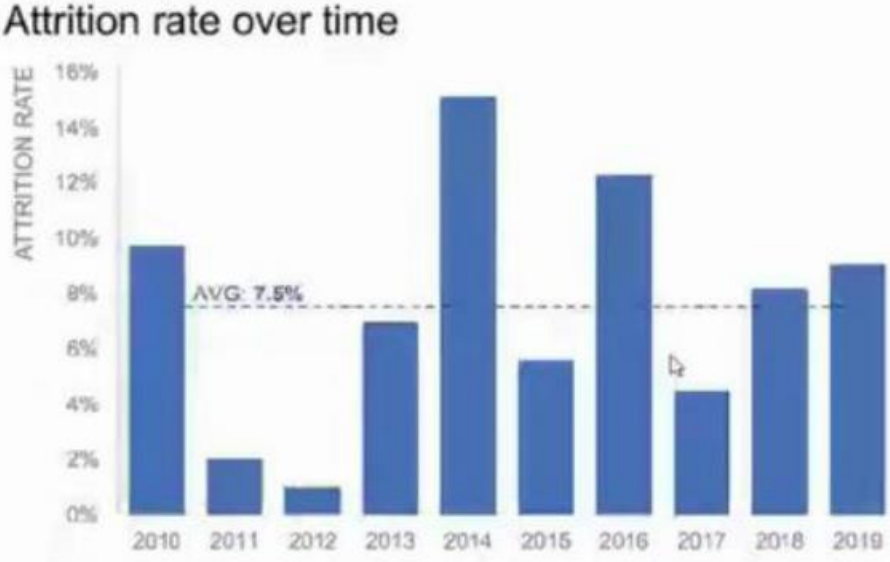
Line Chart



Area Graph



Bar Graph



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