FINAL PROJECT DS

By: Nicholas Nagy

WHAT IS THE DATASET?

|	A	B	C	D	E	F	G	H	I	J	K	L
	work_year	experience_level	employment_type	job_title	salary	salary_currency	salary_in_usd	employee_residence	remote_ratio	company_location	company_size
0	2020	MI	FT	Data Scientist	70000	EUR	79833	DE	0	DE	L
1	2020	SE	FT	Machine Learning Scientist	260000	USD	260000	JP	0	JP	S
2	2020	SE	FT	Big Data Engineer	85000	GBP	109024	GB	50	GB	M
3	2020	MI	FT	Product Data Analyst	20000	USD	20000	HN	0	HN	S
4	2020	SE	FT	Machine Learning Engineer	150000	USD	150000	US	50	US	L
5	2020	EN	FT	Data Analyst	72000	USD	72000	US	100	US	L
6	2020	SE	FT	Lead Data Scientist	190000	USD	190000	US	100	US	S
7	2020	MI	FT	Data Scientist	11000000	HUF	35735	HU	50	HU	L
8	2020	MI	FT	Business Data Analyst	135000	USD	135000	US	100	US	L
9	2020	SE	FT	Lead Data Engineer	125000	USD	125000	NZ	50	NZ	S
10	2020	EN	FT	Data Scientist	45000	EUR	51321	FR	0	FR	S
11	2020	MI	FT	Data Scientist	3000000	INR	40481	IN	0	IN	L
12	2020	EN	FT	Data Scientist	35000	EUR	39916	FR	0	FR	M
13	2020	MI	FT	Lead Data Analyst	87000	USD	87000	US	100	US	L
14	2020	MI	FT	Data Analyst	85000	USD	85000	US	100	US	L
15	2020	MI	FT	Data Analyst	8000	USD	8000	PK	50	PK	L
16	2020	EN	FT	Data Engineer	4450000	JPY	41689	JP	100	JP	S
17	2020	SE	FT	Big Data Engineer	100000	EUR	114047	PL	100	GB	S
18	2020	EN	FT	Data Science Consultant	423000	INR	5707	IN	50	IN	M
19	2020	MI	FT	Lead Data Engineer	56000	USD	56000	PT	100	US	M
20	2020	MI	FT	Machine Learning Engineer	299000	CNY	43331	CN	0	CN	M
21	2020	MI	FT	Product Data Analyst	450000	INR	6072	IN	100	IN	L
22	2020	SE	FT	Data Engineer	42000	EUR	47899	GR	50	GR	L
23	2020	MI	FT	BI Data Analyst	98000	USD	98000	US	0	US	M
24	2020	MI	FT	Lead Data Scientist	115000	USD	115000	AE	0	AE	L
25	2020	EX	FT	Director of Data Science	325000	USD	325000	US	100	US	L
26	2020	EN	FT	Research Scientist	42000	USD	42000	NL	50	NL	L
27	2020	SE	FT	Data Engineer	720000	MXN	33511	MX	0	MX	S
28	2020	EN	CT	Business Data Analyst	100000	USD	100000	US	100	US	L
29	2020	SE	FT	Machine Learning Manager	157000	CAD	117104	CA	50	CA	L
30	2020	MI	FT	Data Engineering Manager	51999	EUR	59303	DE	100	DE	S

QUESTION #1

If you were planning on going into the data science field, what is the estimated salary?
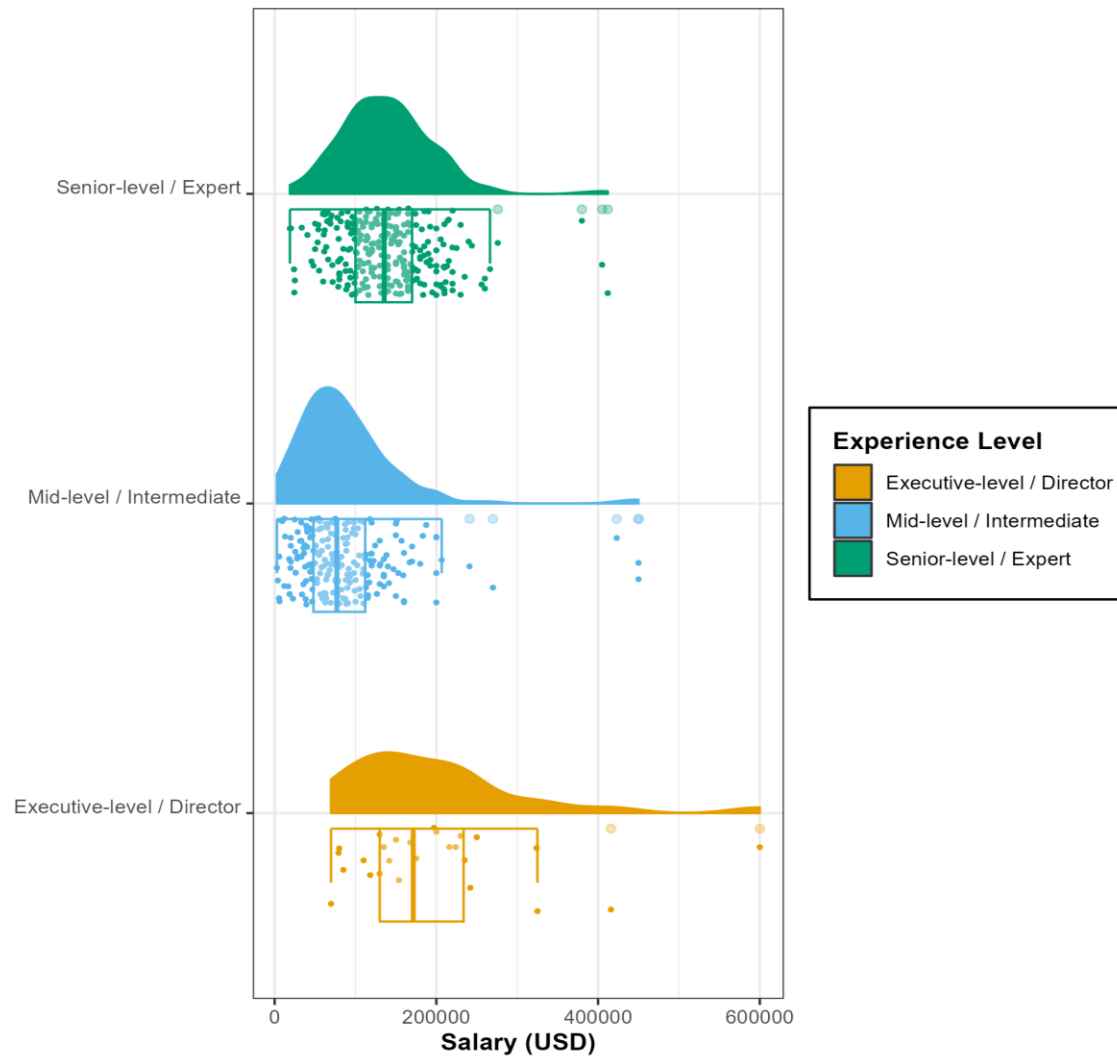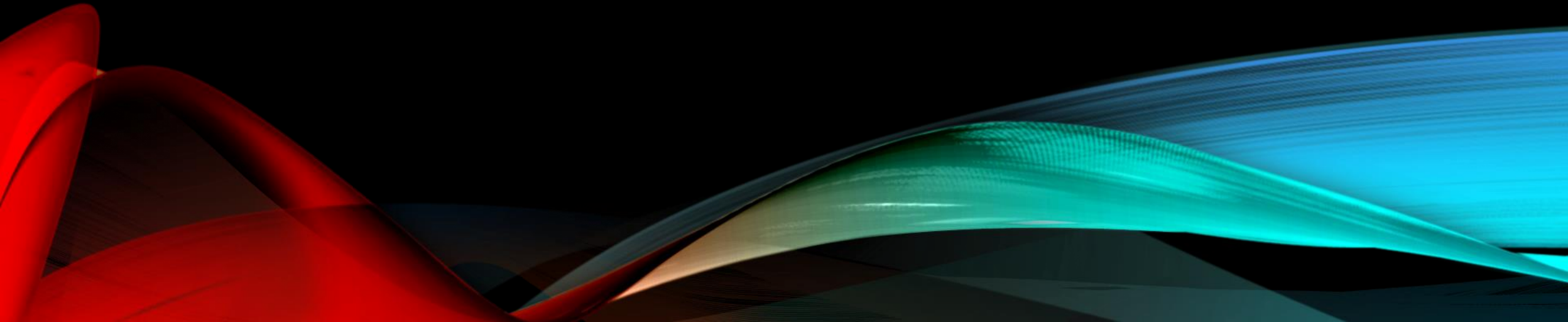
WHO IS THIS QUESTION DIRECTED TO?
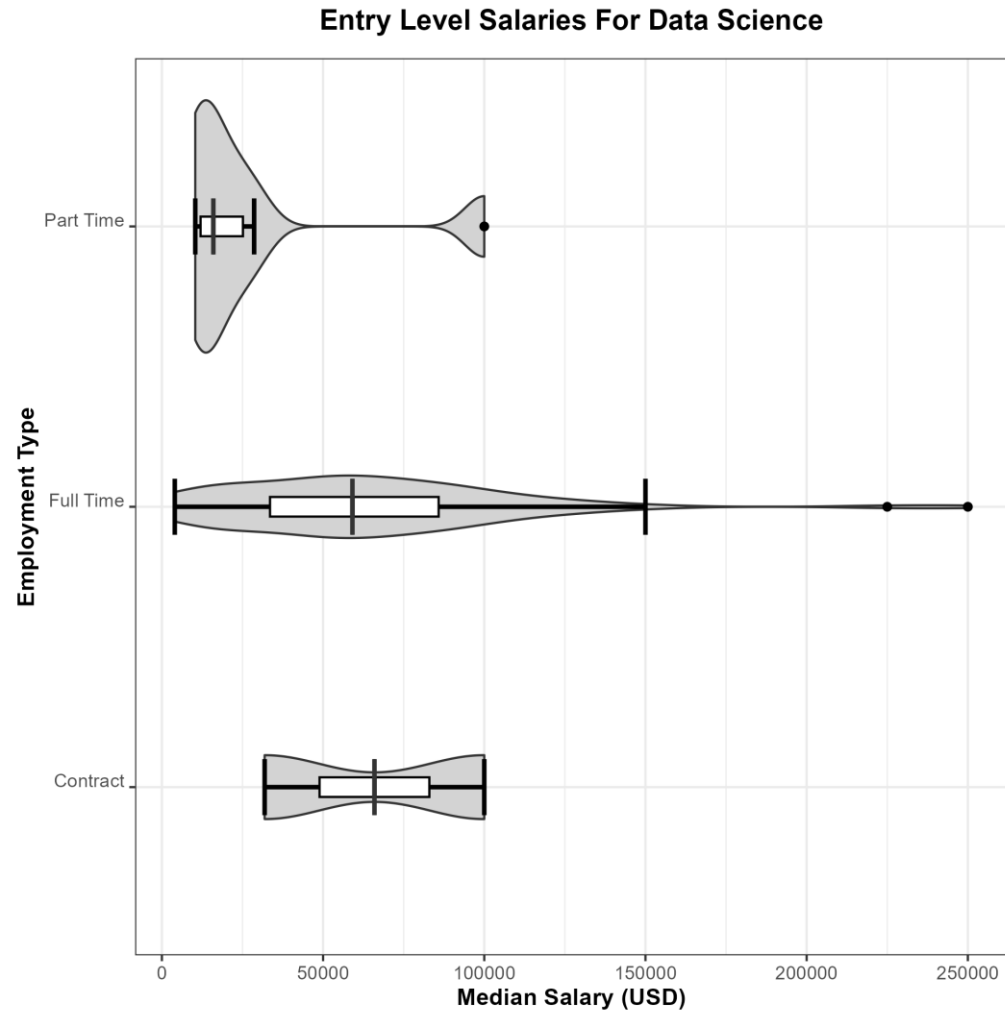
THE FIRST PART OF THE PLOT

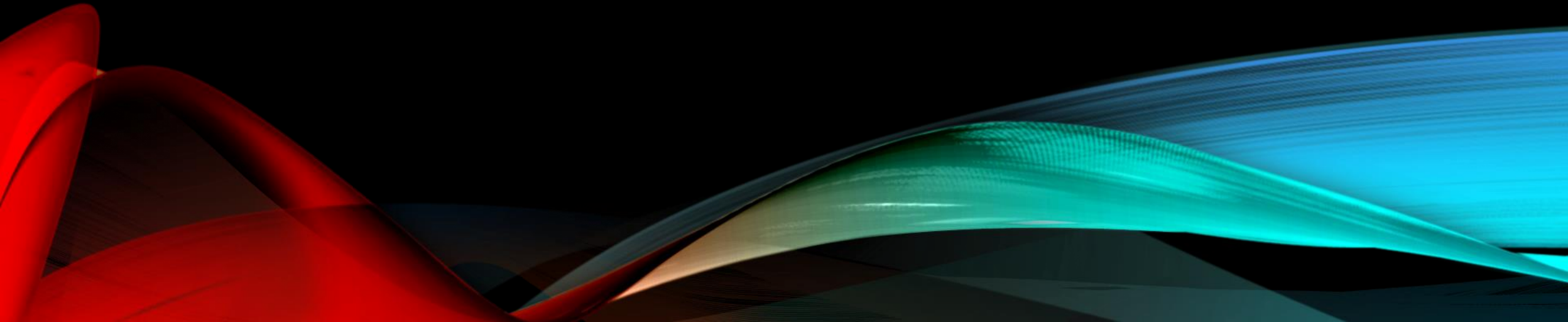# WHAT ABOUT THE FUTURE?

Where can we go from here?

Future Possible Salaries at Higher Levels of Experience

FUTURE PROMOTIONS

QUESTION #2

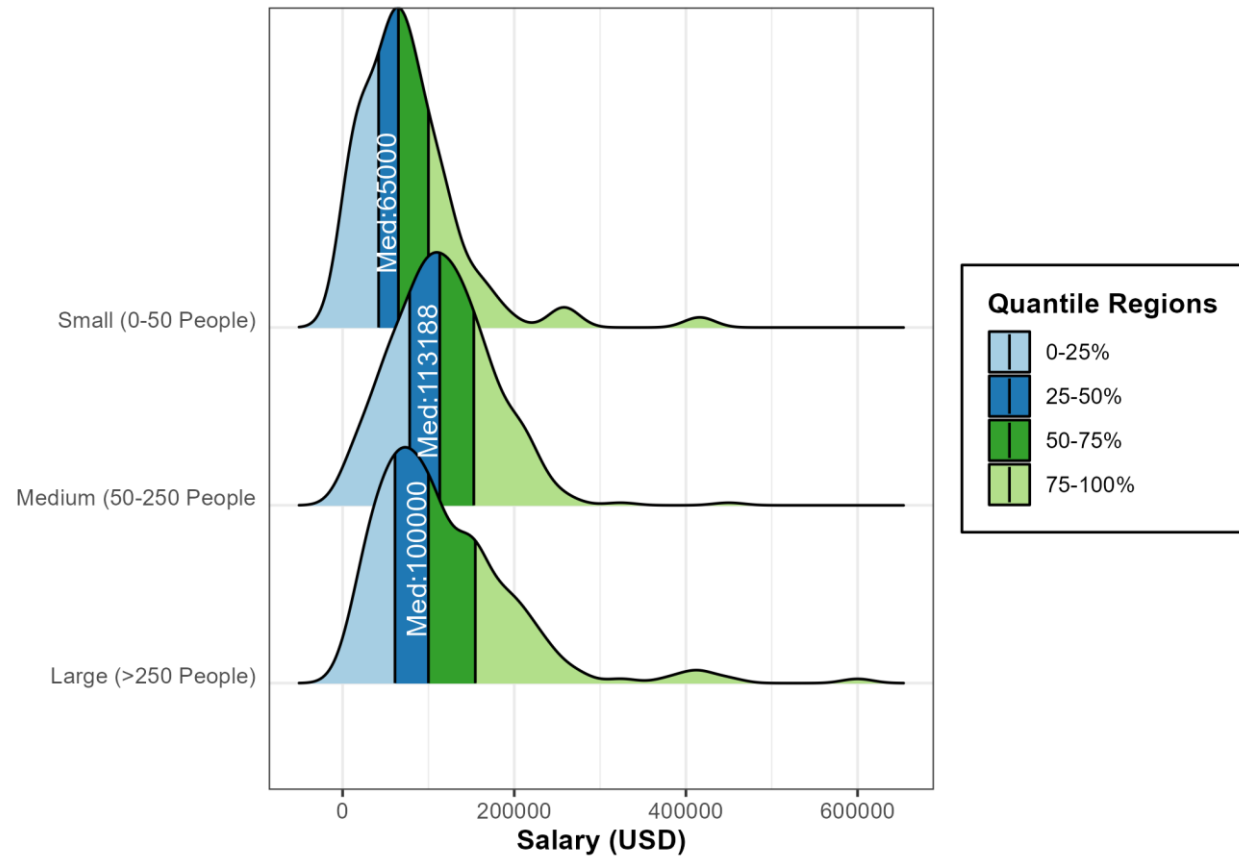Does a larger company pay more? What company size would be best to look for a better salary?
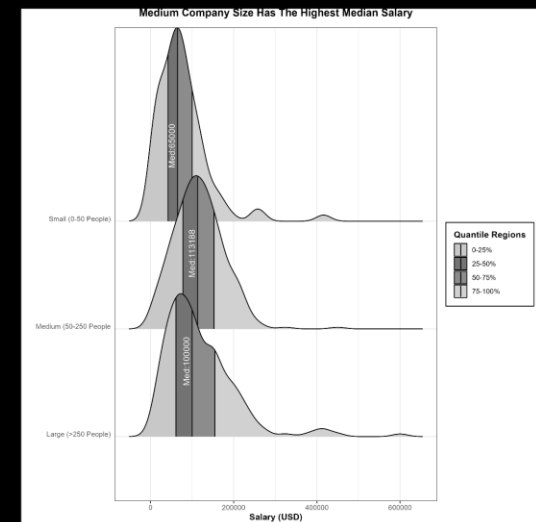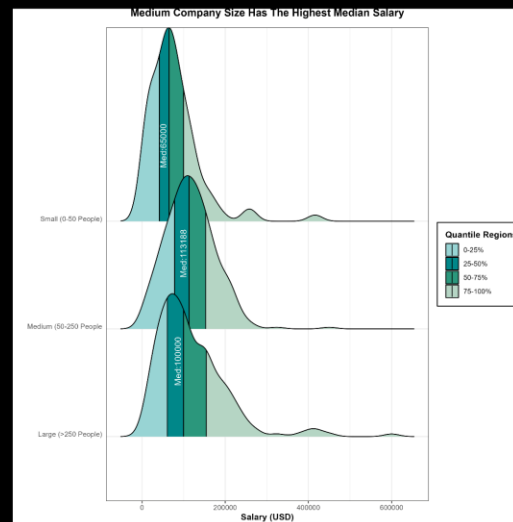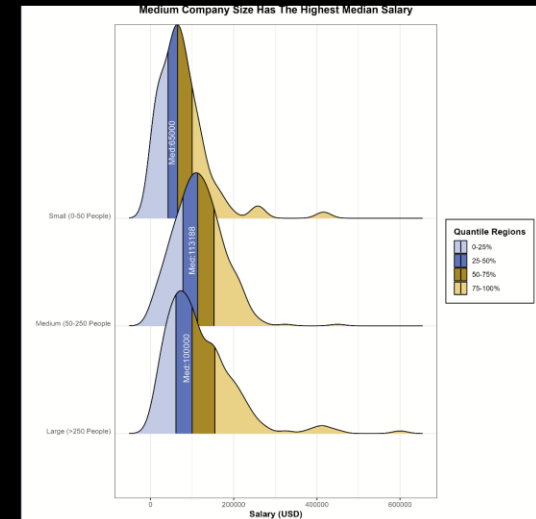
WHO IS THIS QUESTION DIRECTED TO?

THE PLOT

- What was the objective?

- Was it achieved?

- How about accessibility?
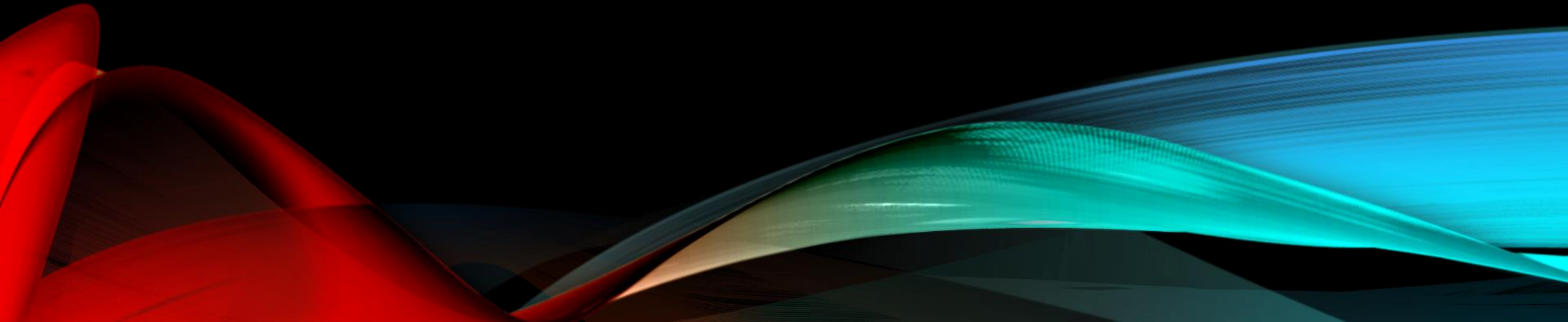

Medium Company Size Has The Highest Median Salary

COLOUR BLIND?

No Problem
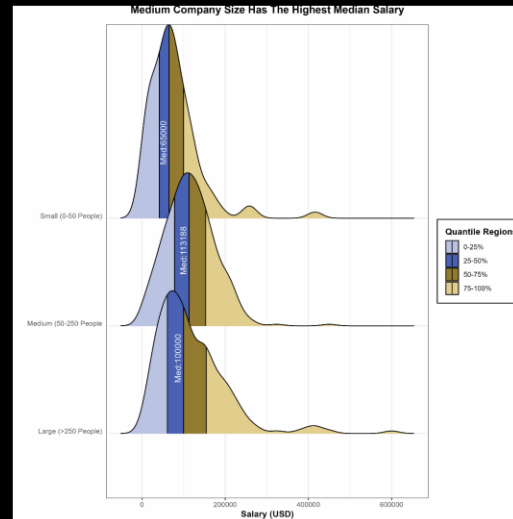
QUESTION #3

How does location correlate with someone's salary? Does remote work correlate with it also?
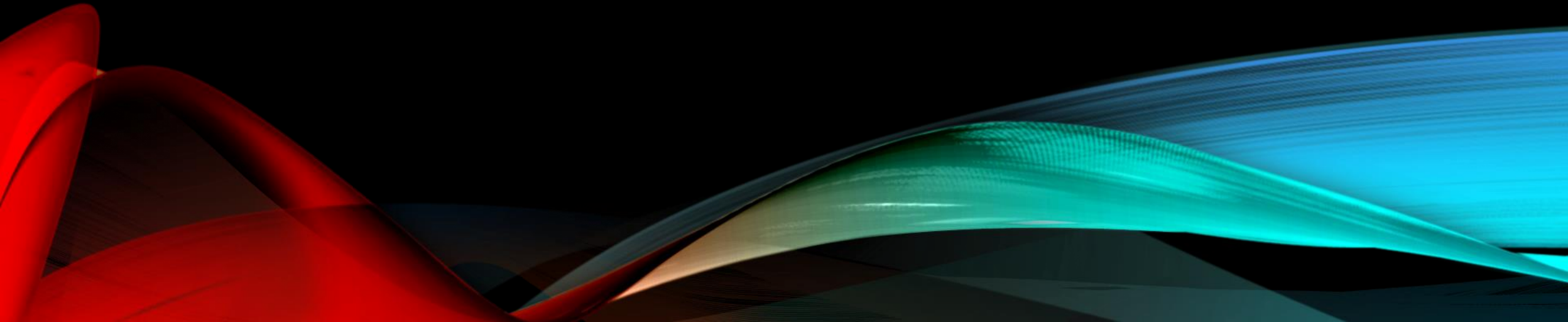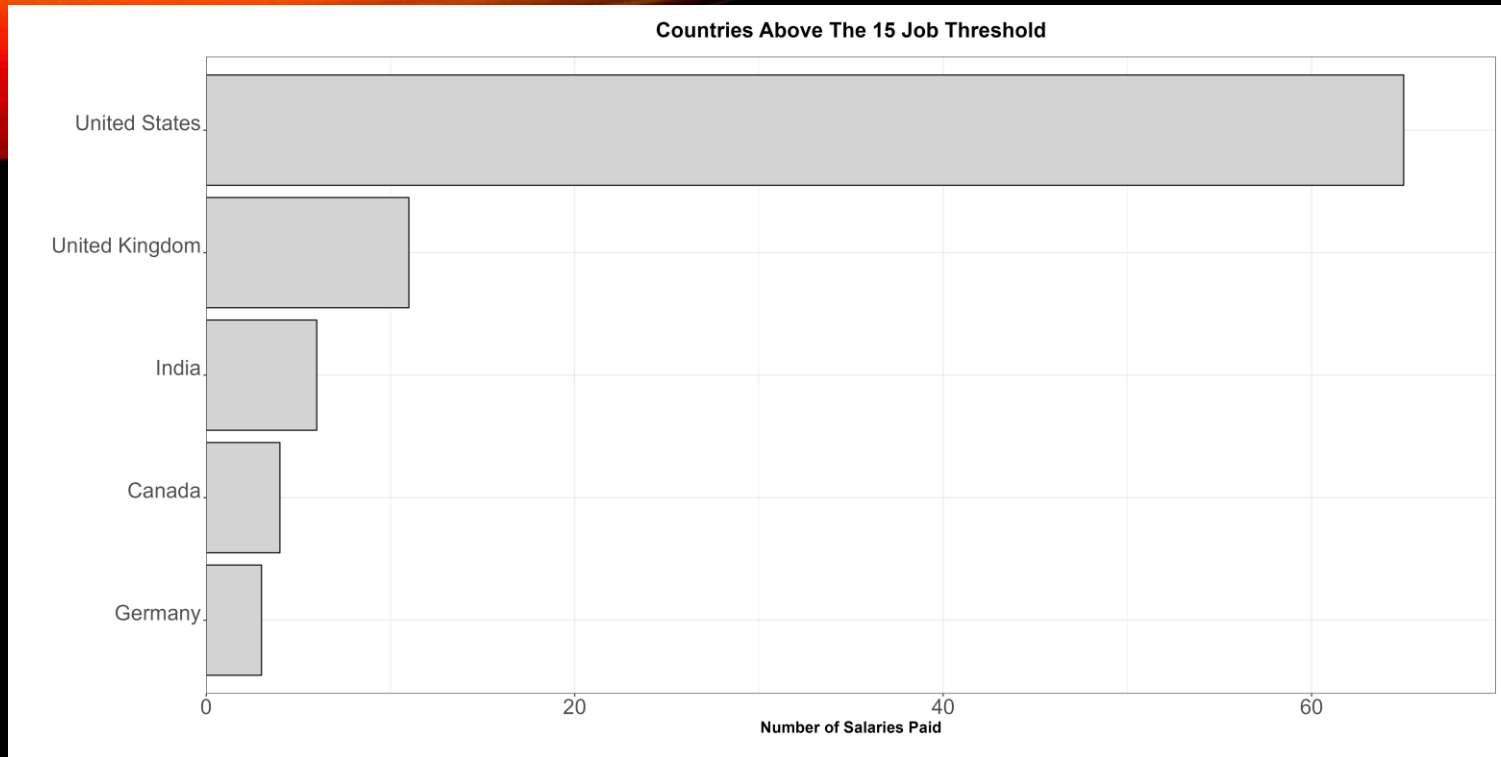
WHO IS THIS QUESTION DIRECTED TO?
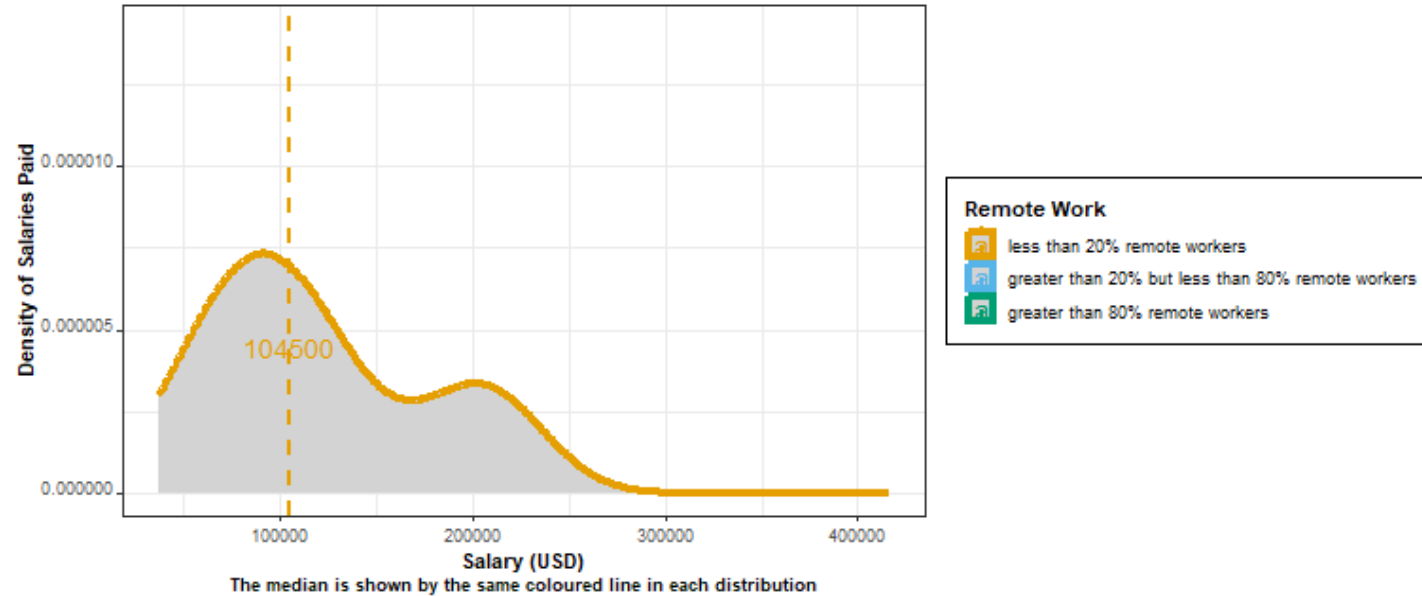
PERFECT LETS PLOT

Wait overplotting

Countries Above The 15 Job Threshold

HOW TO START?

The process needs to be streamlined.

Differences in Salary When it Comes to Company Location

EFFECTIVE TRANSITIONING

WHAT ABOUT REMOTE WORK?

WHAT STORY WAS TOLD?

Was this type of plot splitting effective?

PERSONAL IMPROVEMENTS

Is there any improvements I would make?

THANK YOU

Any questions?