



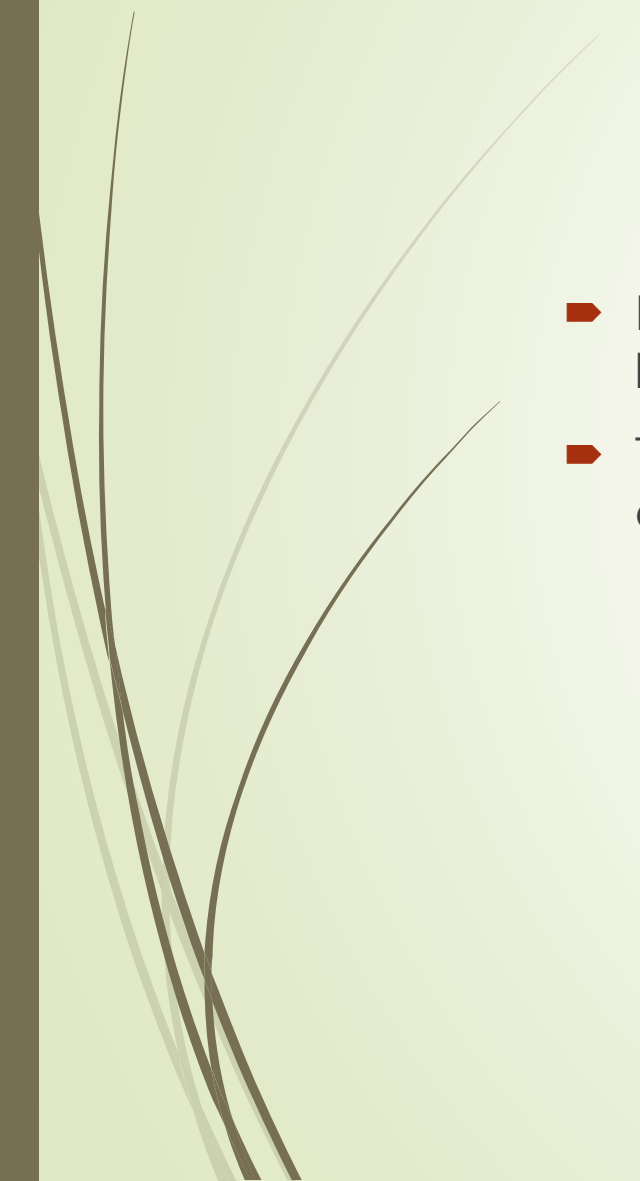
EXCEL DATA SET REPORT ON ANALYSIS OF

JOBS AND SALARIES IN DATA SCIENCE

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About

- Data science has emerged as a critical domain in the modern business landscape, harnessing vast volumes of data to derive actionable insights.
 - This presentation aims to analyze global data science salary trends, exploring various factors influencing salary distributions.
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Data Overview

The dataset comprises several key features:

- Work Year
- Job Title
- Job Category
- Salary Currency
- Salary
- Salary in USD
- Employee Residence
- Experience Level
- Employment Type
- Work Setting
- Company Location
- Company Size

	A	B	C	D	E	F	G	H	I	J	K	L
1	Work Year	Job Title	Job Category	Salary Currency	Salary	Salary in USD	Employee Residence	Experience Level	Employment Type	Work Setting	Company Location	Company Size
2	2023	Data DevOps Engineer	Data Engineering	EUR	88000	\$95,012.00	Germany	Mid-level	Full-time	Hybrid	Germany	Large
3	2023	Data Architect	Data Architecture and Modelling	USD	186000	\$1,86,000.00	United States	Senior	Full-time	In-person	United States	Medium
4	2023	Data Architect	Data Architecture and Modelling	USD	81800	\$81,800.00	United States	Senior	Full-time	In-person	United States	Medium
5	2023	Data Scientist	Data Science and Research	USD	212000	\$2,12,000.00	United States	Senior	Full-time	In-person	United States	Medium
6	2023	Data Scientist	Data Science and Research	USD	93300	\$93,300.00	United States	Senior	Full-time	In-person	United States	Medium
7	2023	Data Scientist	Data Science and Research	USD	130000	\$1,30,000.00	United States	Senior	Full-time	Remote	United States	Medium
8	2023	Data Scientist	Data Science and Research	USD	100000	\$1,00,000.00	United States	Senior	Full-time	Remote	United States	Medium
9	2023	Machine Learning Researcher	Machine Learning and AI	USD	224400	\$2,24,400.00	United States	Mid-level	Full-time	In-person	United States	Medium
10	2023	Machine Learning Researcher	Machine Learning and AI	USD	138700	\$1,38,700.00	United States	Mid-level	Full-time	In-person	United States	Medium
11	2023	Data Engineer	Data Engineering	USD	210000	\$2,10,000.00	United States	Executive	Full-time	Remote	United States	Medium
12	2023	Data Engineer	Data Engineering	USD	168000	\$1,68,000.00	United States	Executive	Full-time	Remote	United States	Medium
13	2023	Machine Learning Engineer	Machine Learning and AI	USD	224400	\$2,24,400.00	United States	Senior	Full-time	In-person	United States	Medium
14	2023	Machine Learning Engineer	Machine Learning and AI	USD	138700	\$1,38,700.00	United States	Senior	Full-time	In-person	United States	Medium
15	2023	Data Scientist	Data Science and Research	GBP	35000	\$43,064.00	United Kingdom	Mid-level	Full-time	In-person	United Kingdom	Medium
16	2023	Data Scientist	Data Science and Research	GBP	30000	\$36,912.00	United Kingdom	Mid-level	Full-time	In-person	United Kingdom	Medium
17	2023	Data Analyst	Data Analysis	USD	95000	\$95,000.00	United States	Entry-level	Full-time	In-person	United States	Medium
18	2023	Data Analyst	Data Analysis	USD	75000	\$75,000.00	United States	Entry-level	Full-time	In-person	United States	Medium
19	2023	Data Scientist	Data Science and Research	USD	300000	\$3,00,000.00	United States	Senior	Full-time	In-person	United States	Medium
20	2023	Data Scientist	Data Science and Research	USD	234000	\$2,34,000.00	United States	Senior	Full-time	In-person	United States	Medium
21	2023	Analytics Engineer	Leadership and Management	USD	140000	\$1,40,000.00	United States	Mid-level	Full-time	In-person	United States	Medium
22	2023	Analytics Engineer	Leadership and Management	USD	120000	\$1,20,000.00	United States	Mid-level	Full-time	In-person	United States	Medium
23	2023	Machine Learning Engineer	Machine Learning and AI	USD	204500	\$2,04,500.00	United States	Mid-level	Full-time	In-person	United States	Medium
24	2023	Machine Learning Engineer	Machine Learning and AI	USD	142200	\$1,42,200.00	United States	Mid-level	Full-time	In-person	United States	Medium
25	2023	Data Analyst	Data Analysis	USD	155000	\$1,55,000.00	United States	Mid-level	Full-time	In-person	United States	Medium
26	2023	Data Analyst	Data Analysis	USD	110000	\$1,10,000.00	United States	Mid-level	Full-time	In-person	United States	Medium
27	2023	Machine Learning Engineer	Machine Learning and AI	USD	266500	\$2,66,500.00	United States	Senior	Full-time	In-person	United States	Medium
28	2023	Machine Learning Engineer	Machine Learning and AI	USD	152000	\$1,52,000.00	United States	Senior	Full-time	In-person	United States	Medium
29	2023	Applied Scientist	Data Science and Research	USD	222200	\$2,22,200.00	United States	Mid-level	Full-time	In-person	United States	Large
30	2023	Applied Scientist	Data Science and Research	USD	136000	\$1,36,000.00	United States	Mid-level	Full-time	In-person	United States	Large
31	2023	Machine Learning Engineer	Machine Learning and AI	USD	273400	\$2,73,400.00	United States	Senior	Full-time	In-person	United States	Medium
32	2023	Machine Learning Engineer	Machine Learning and AI	USD	182200	\$1,82,200.00	United States	Senior	Full-time	In-person	United States	Medium
33	2023	BI Developer	BI and Visualization	USD	167500	\$1,67,500.00	United States	Senior	Full-time	In-person	United States	Medium
34	2023	BI Developer	BI and Visualization	USD	106500	\$1,06,500.00	United States	Senior	Full-time	In-person	United States	Medium
35	2023	Data Engineer	Data Engineering	USD	185900	\$1,85,900.00	United States	Senior	Full-time	In-person	United States	Medium



Problem Solving

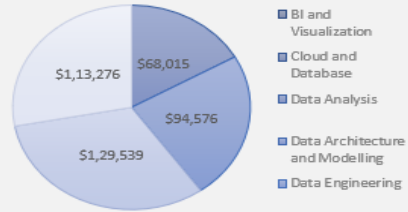
Using the dataset we find a answer to the following questions.

- 1) Average salary on the bases of there job.
- 2) Top 10 country having highest number of companies.
- 3) Number of large, medium and small companies.
- 4) Top 10 country where highest no. of employees works.
- 5) Salaries in data science job on the bases of employment type.
- 6) Analysis of highest paid jobs.
- 7) Highest salary by job title and year.

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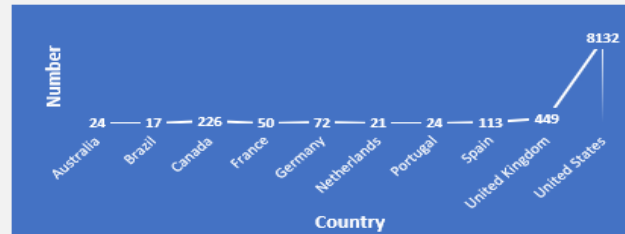
Pivot Chart

1 Average salary on the base of job category

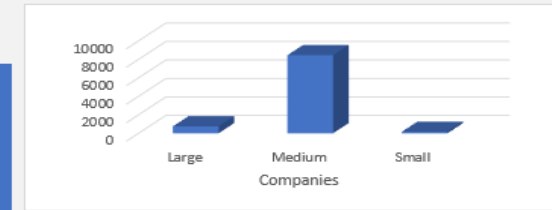


Pivot Chart

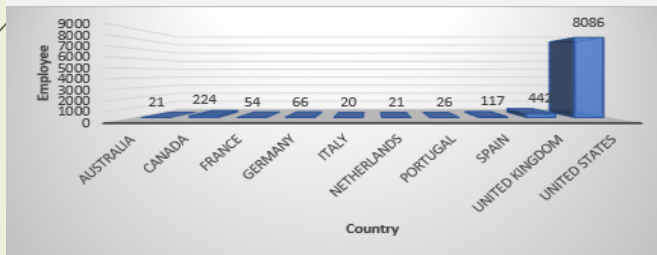
2 Number of companies



3 Number of large, small and medium companies



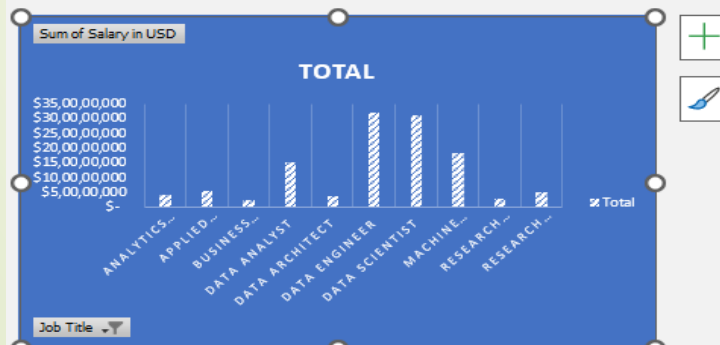
4 Number of employees in different country



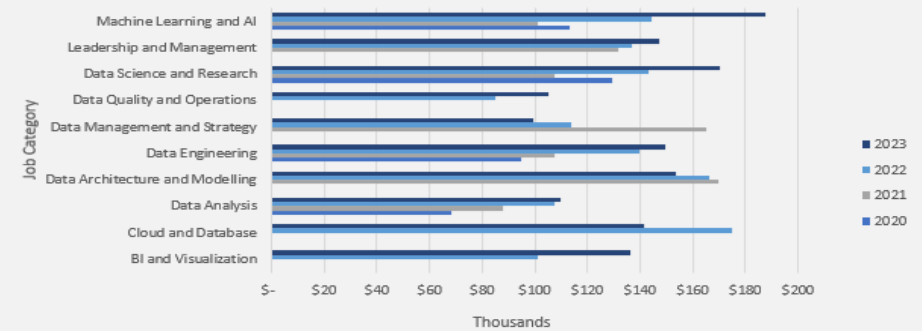
5 Salaries on bases of employment type



6 Salary of employee in different country



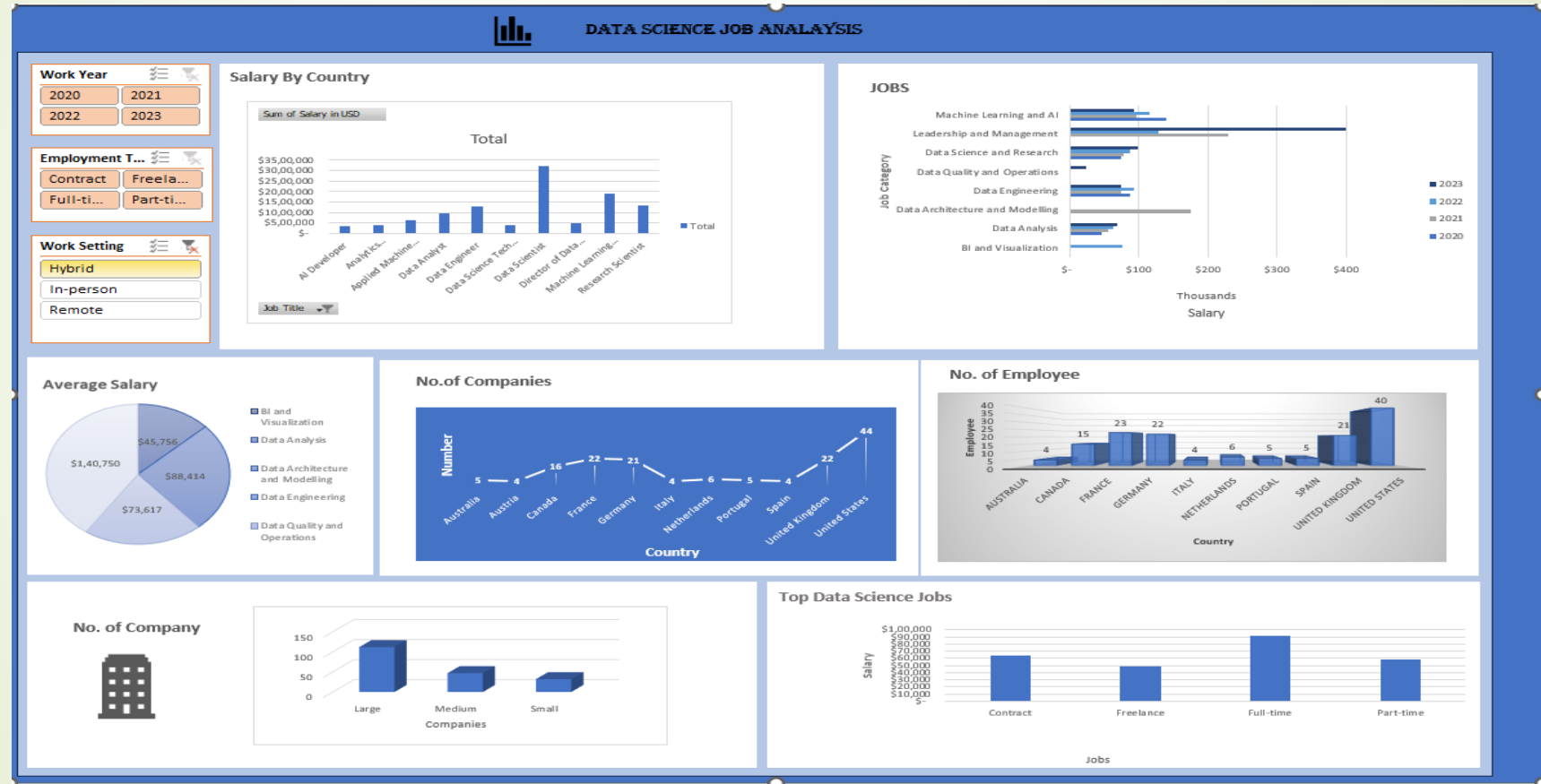
7 Top 10 jobs on the bases of salary



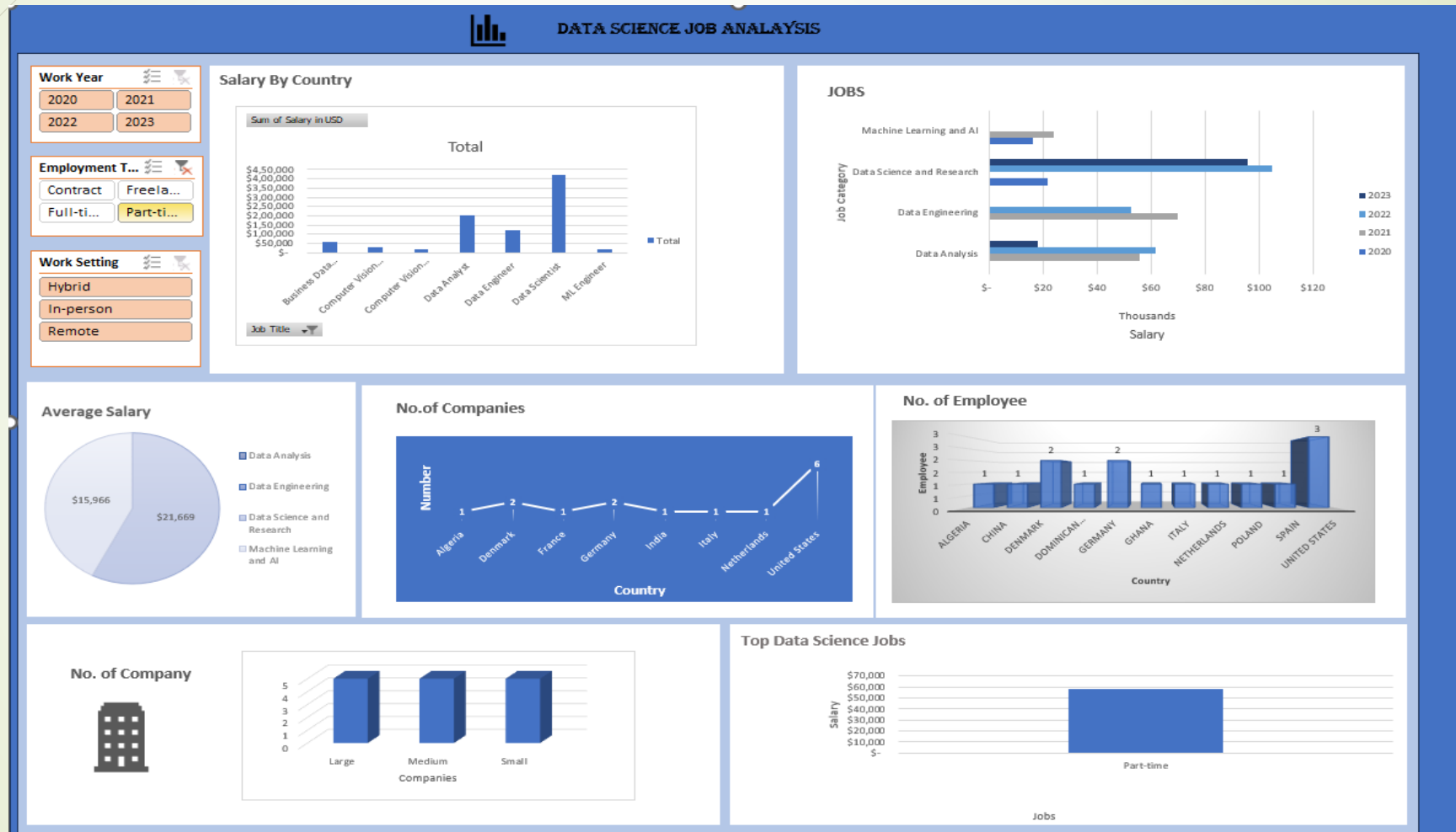
Dashboard



Slicer on Work Setting



Slicer on Employment Type




Slicer on Work Year






Future Scope

- Anticipated trends in data science salaries, considering factors such as technological advancements, evolving job roles, and global economic shifts.
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Conclusion

- Data science salaries exhibit diverse patterns influenced by various factors such as geography, job specialization, experience level, and organizational characteristics.
 - Continuous monitoring and analysis of these trends are crucial for both employers and employees to make informed decisions in the rapidly evolving data landscape.
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Thank You