DATA VISUALIZATION

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Data Visualization

How to Display Data for Easy Understanding

Data visualization is a graphical or visual display of information and data.

In other words, data visualization turns data sets into simpler things to display.

Fast Answer.

Can get insight from this data...???

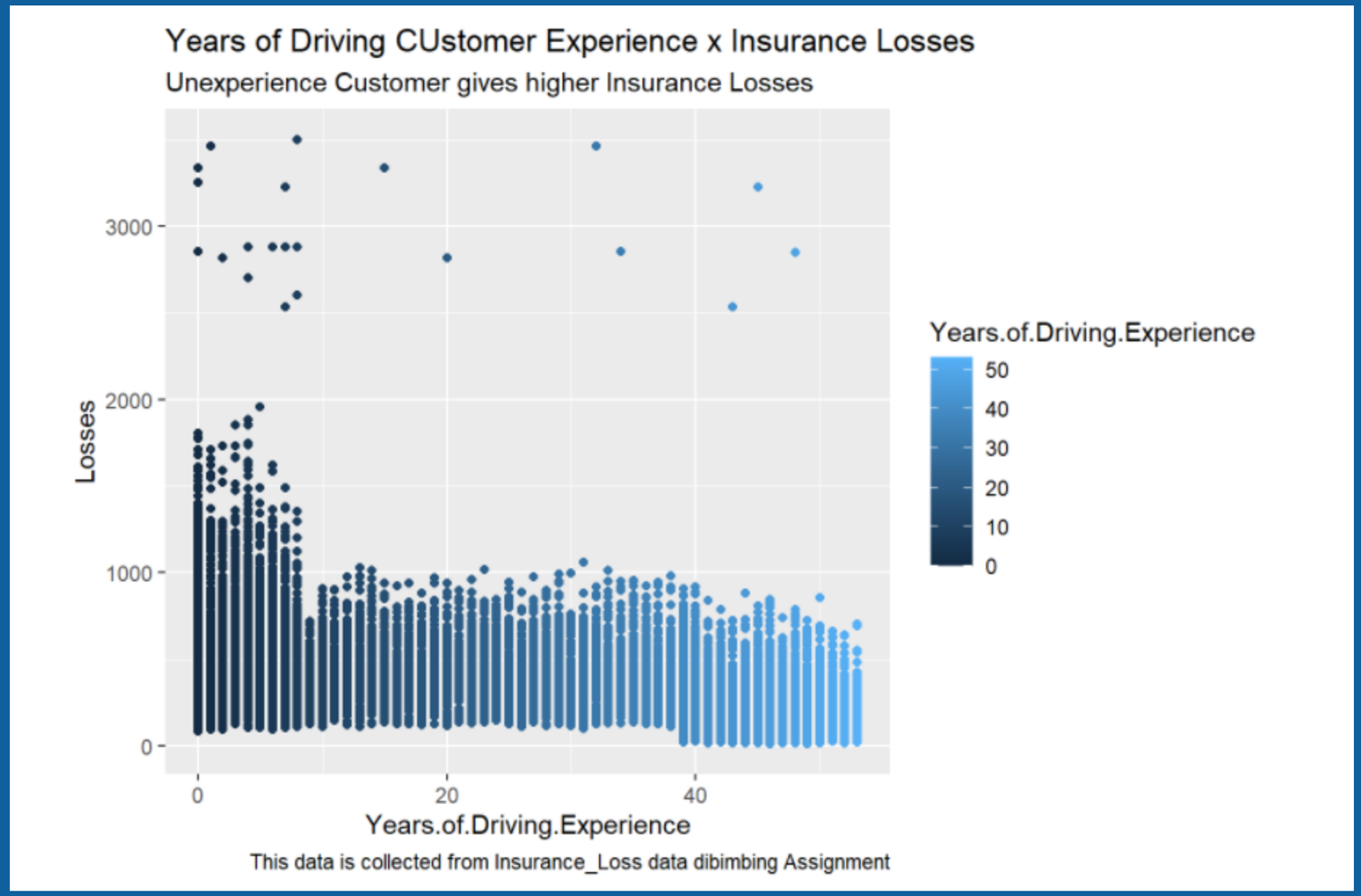
Insurance_Loss -excl.csv

File Origin: 1252: Western European (Windows) | Delimiter: Comma | Data Type Detection: Based on first 200 rows

Policy Number	Age	Years of Driving Experience	Number of Vehicles	Gender	Married	Vehicle Age	Fuel Type	Losses
150024	24	5	1	M	Married	11	P	2033195946
144880	31	10	1	F	Single	6	P	4021973024
133742	56	37	1	M	Married	0	D	5531320959
151282	52	31	1	F	Married	15	P	2924305792
174407	20	3	1	M	Single	15	P	2465405761
142548	29	8	1	M	Married	9	P	3846763948
183396	36	19	1	F	Single	0	P	4621588562
106838	67	49	1	F	Married	15	P	1689340361
137434	69	48	1	M	Single	5	P	6989304091
192628	16	0	1	F	Single	14	P	2427725761
154894	19	1	1	M	Single	12	D	7637298567
187293	29	8	1	F	Single	14	P	4073893742
173214	20	1	1	F	Married	13	P	1615795211
163905	67	49	1	M	Married	7	P	2428887756
157356	46	27	1	M	Married	7	P	358521705
160387	57	40	1	M	Married	15	P	3146620972
127360	65	48	1	M	Single	11	P	3067395011
108345	20	1	1	M	Single	15	D	7726448203
122164	67	49	1	M	Single	3	D	5934274113
103555	62	45	1	M	Married	0	P	2752144091

The data in the preview has been truncated due to size limits.

How About this ?



Did you know
it from same data source...

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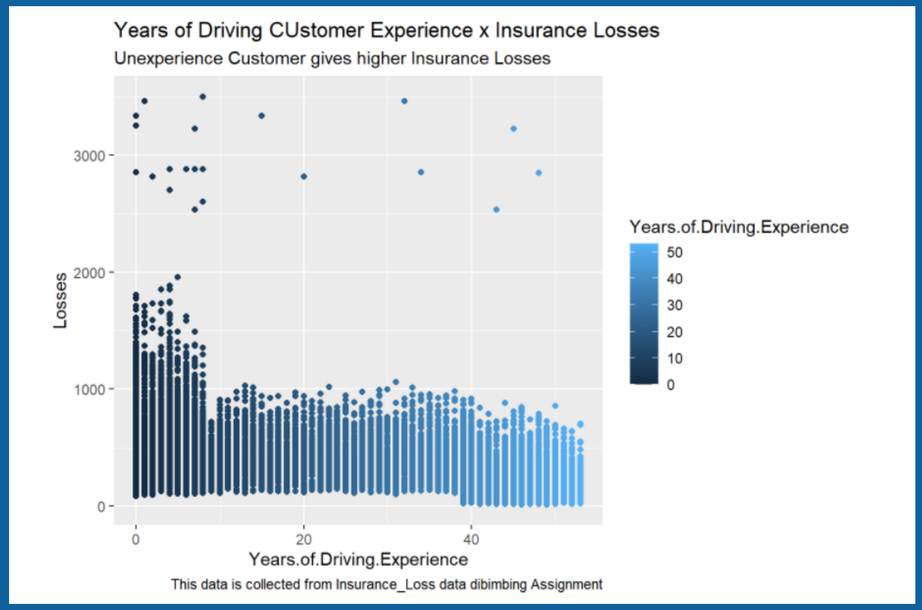

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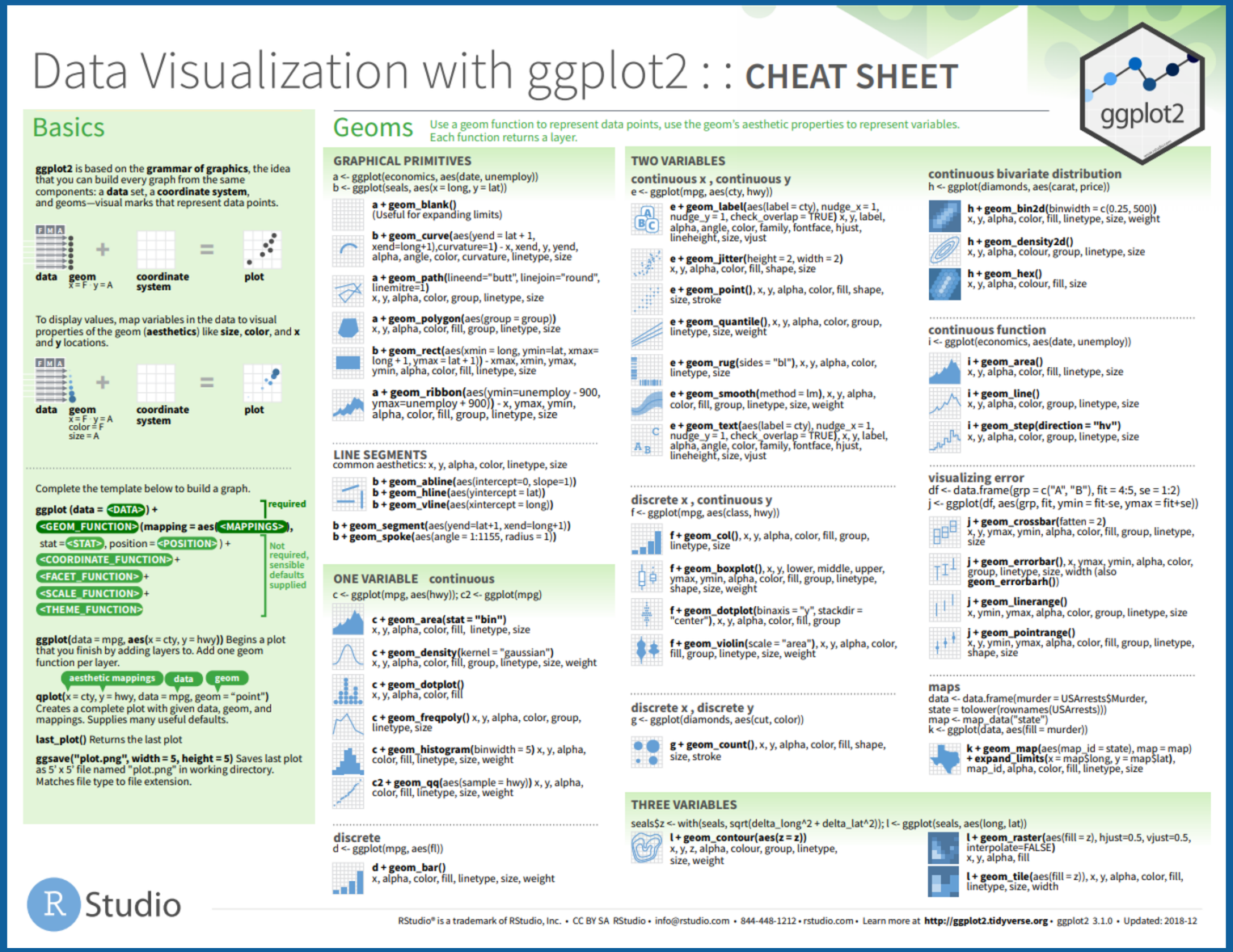
Why Visualization is so important?

- What People see First is the Graphic (Most of the time)
- It help people understand the data more easy
- It can summarize your findings/insight in one image
- It Fun :D



in R you can visualize data with **ggplot2 implements the grammar of graphics, a coherent system for describing and building graphs.**

With ggplot2, you can do more faster by learning one system and applying it in many places

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