

Choosing GPS Units

Information Visualization-Homework1

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List of Models available and its Features

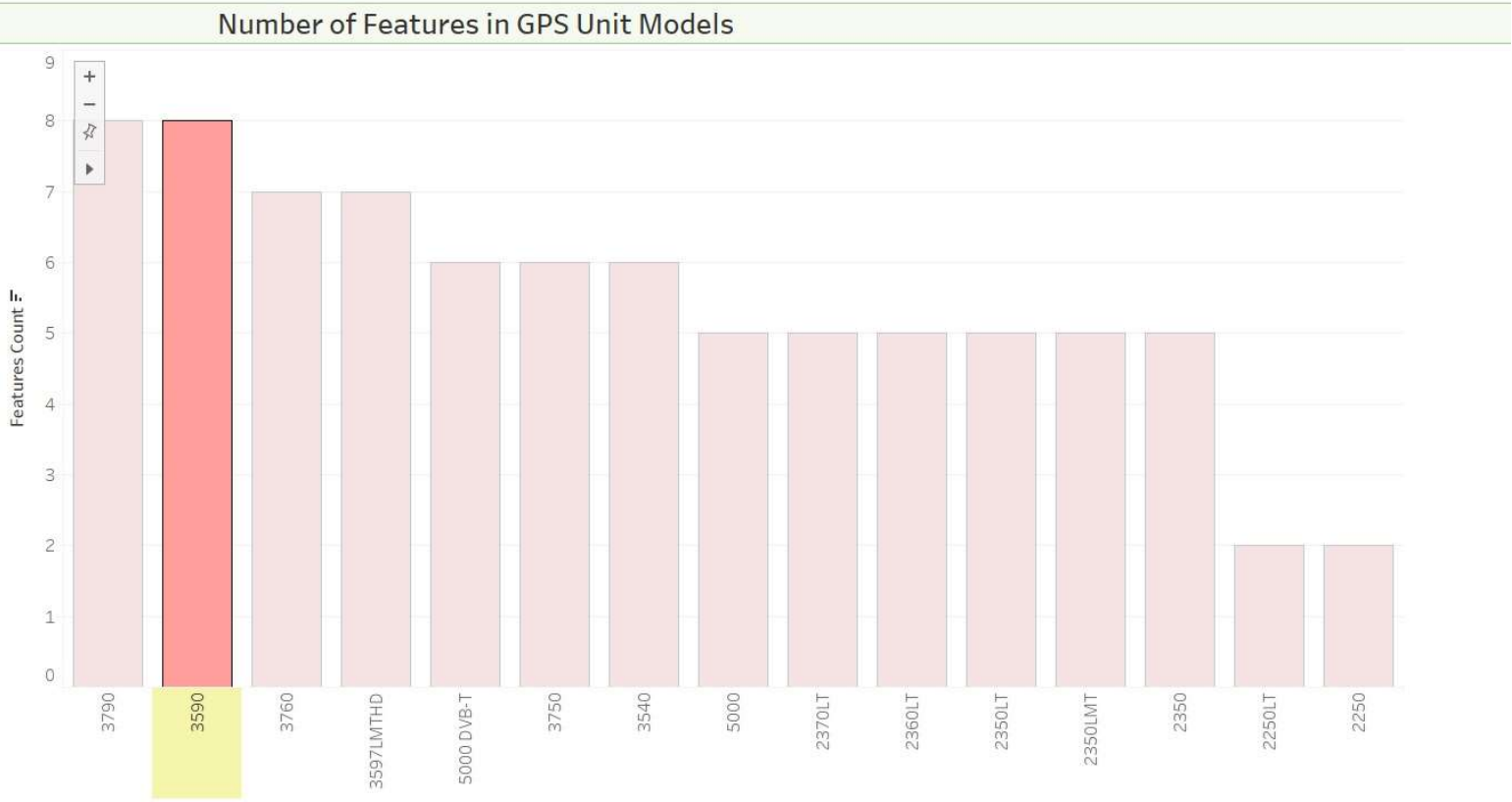
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
	Name	Model	Release Date	Screen	Card Slot	Bluetooth	RDS-TMC Support	nüLink! Service	MSN Direct support (US)	Voice Activation	Text-To-Speech	Lane Assist	Junction View	Traffic Trends	M Transmitt	MP3	No_of_features
1	nüvi	2250	05-01-11	3.5" 320x240	microSD	No	Unknown	No	Unknown	No	Unknown	Yes	Unknown	No	No	No	2
2	nüvi	2250LT	05-01-11	3.5" 320x240	microSD	No	Unknown	No	Unknown	No	Unknown	Yes	Unknown	No	No	No	2
3	nüvi	2350	09-01-10	4.3" 480x272	Unknown	Unknown	Yes	Unknown	Unknown	Unknown	Yes	Yes	Yes	Yes	Unknown	Unknown	5
4	nüvi	2350LT	10-01-10	4.3" 480x273	Unknown	Unknown	Yes	Unknown	Unknown	Unknown	Yes	Yes	Yes	Yes	Unknown	Unknown	5
5	nüvi	2350LMT	11-01-10	4.3" 480x274	Unknown	Unknown	Yes	Unknown	Unknown	Unknown	Yes	Yes	Yes	Yes	Unknown	Unknown	5
6	nüvi	2360LT	12-01-10	4.3" 480x275	Unknown	Unknown	Yes	Unknown	Unknown	Unknown	Yes	Yes	Yes	Yes	Unknown	Unknown	5
7	nüvi	2370LT	01-01-11	4.3" 480x276	Unknown	Unknown	Yes	Unknown	Unknown	Unknown	Yes	Yes	Yes	Yes	Unknown	Unknown	5
8	nüvi	3540	01-01-12	5.0" 800x480	microSD	No	Yes	No	Unknown	No	Yes	Yes	Yes	Yes	No	No	6
9	nüvi	3590	01-01-12	5.0" 800x480	microSD	Yes	Yes	No	Unknown	Yes	Yes	Yes	Yes	Yes	No	No	8
10	nüvi	3750	04-01-10	4.3" 800x480	microSD	No	Yes	No	Unknown	No	Yes	Yes	Yes	Yes	No	No	6
11	nüvi	3760	04-01-10	4.3" 800x480	microSD	Yes	Yes	No	Unknown	No	Yes	Yes	Yes	Yes	No	No	7
12	nüvi	3790	04-01-10	4.3" 800x480	microSD	Yes	Yes	No	Unknown	Yes	Yes	Yes	Yes	Yes	No	No	8
13	nüvi	5000	02-01-08	5.2" 800x480	SD	No	Yes	No	Unknown	No	Yes	No	No	No	Yes	Yes	5
14	nüvi	5000 DVB-T	02-01-08	5.2" 800x480	SD	No	Yes	No	GDB 50	No	Yes	No	No	No	Yes	Yes	6
15	nüvi	3597LMTHD	05-01-13	5" 800x480	microSD	Yes	No	No	Unknown	Yes	Yes	Yes	Yes	Yes	No	Unknown	7

-> From the above table we can understand that there are totally 15 models available and we are going to choose the best one comparing all the models.

-> There are 12 features available from Card Slot (column 'E') till MP3 (column 'Q') and the No_of_features column represent the total number of features available in the model.

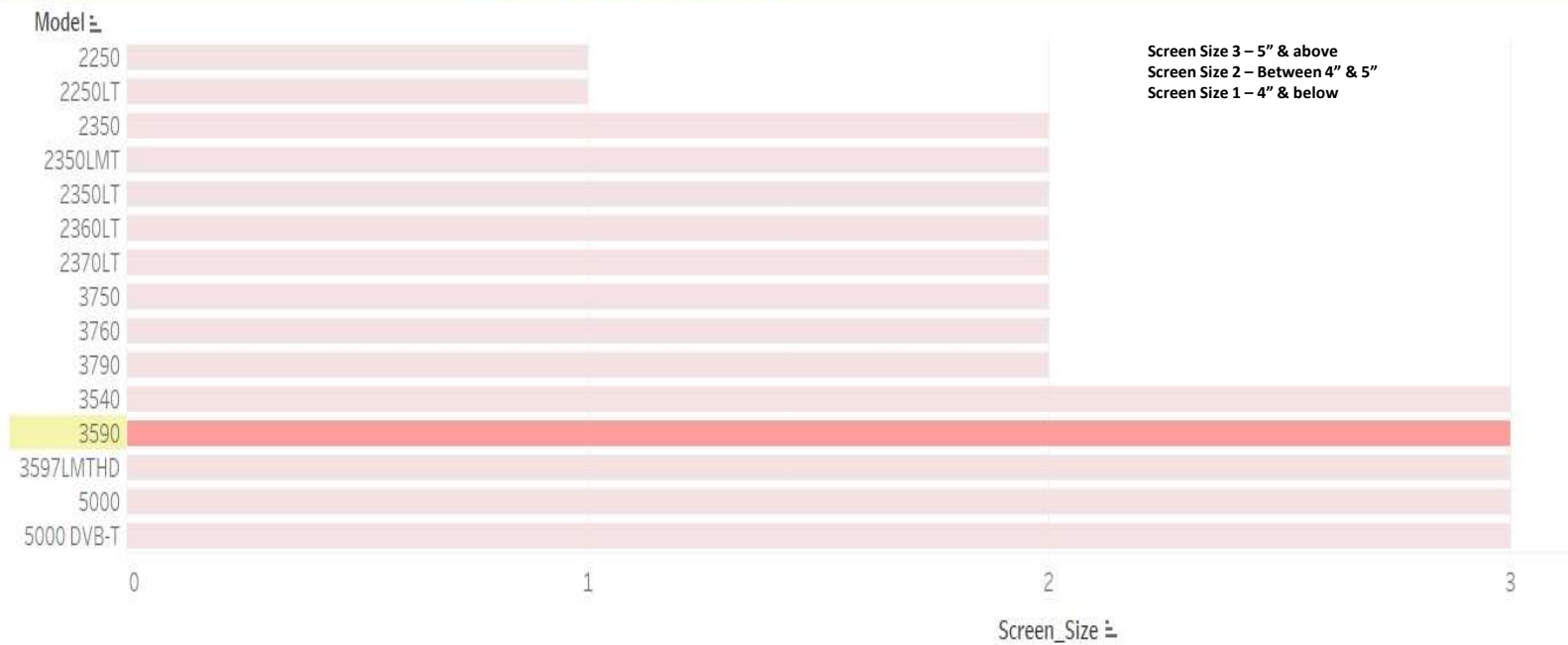
-> We are going to choose the best model based on three factors

1)No of Features 2)Screen Size 3) Release date



The above chart shows that nüvi 3590 and 3790 has more number of features than any other models.

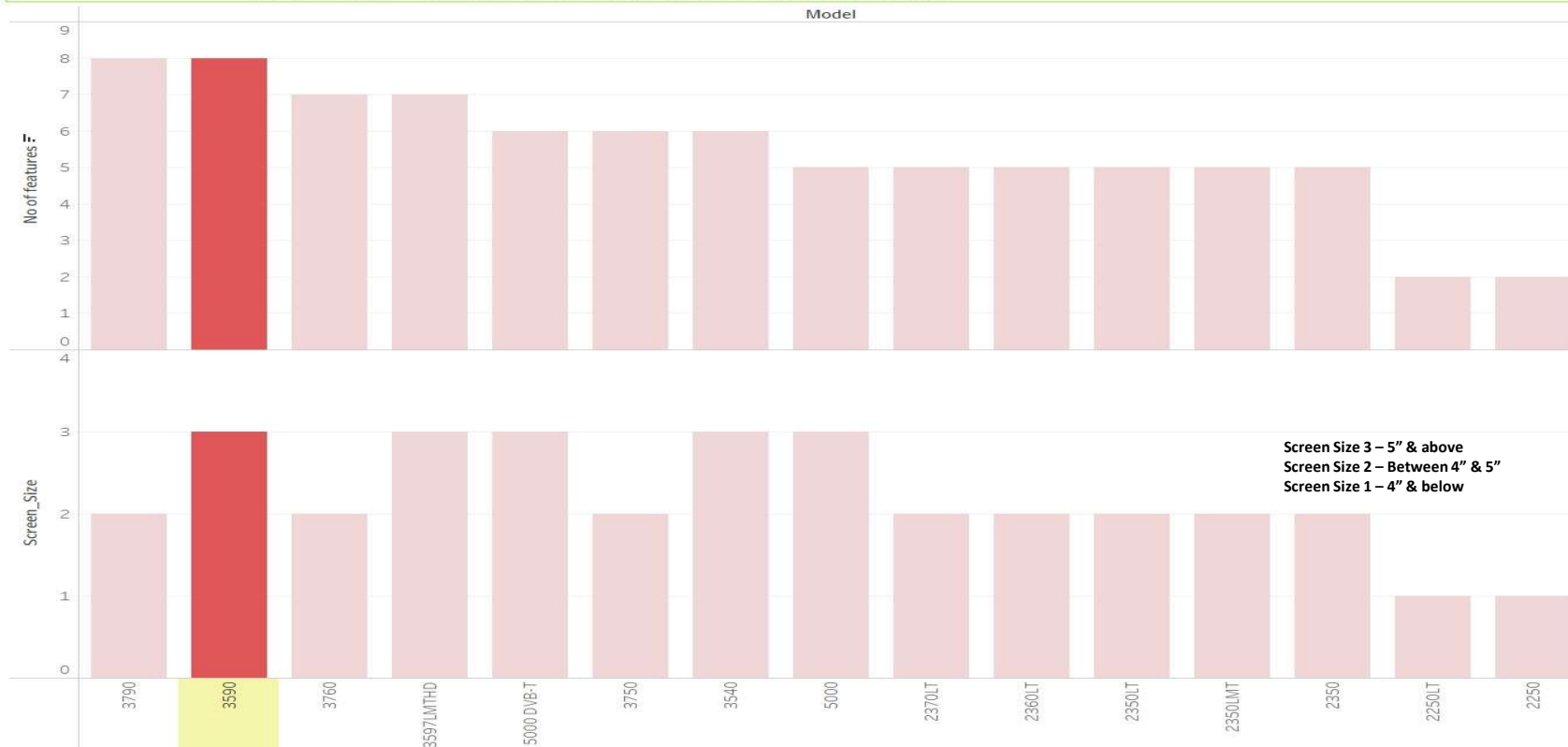
Screen Size of each Model



The bigger the screen size it is better.

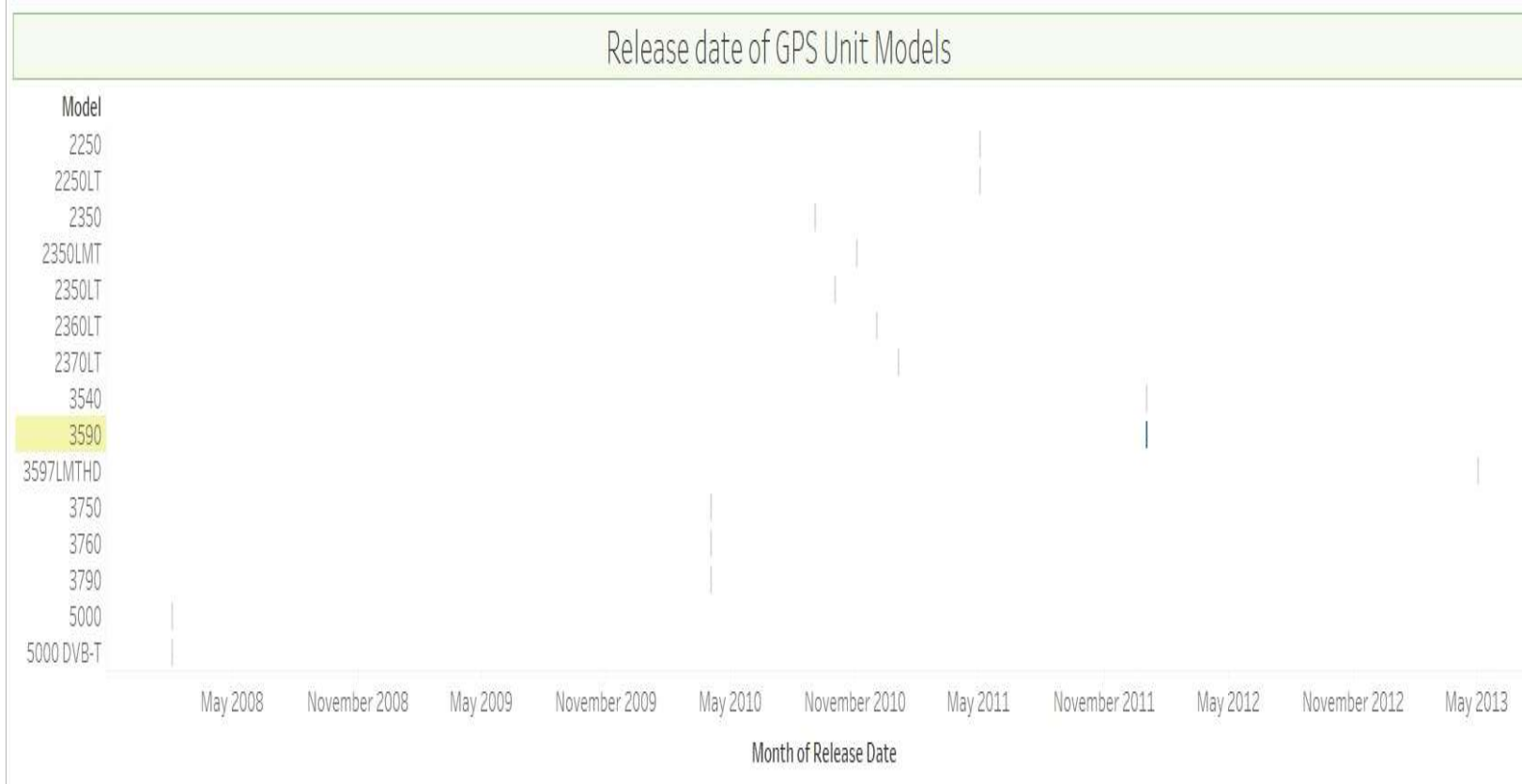
From the Horizontal bar chart we can understand the Model nüvi 3590 falls into the category of screen size of 5" & above.

No of features and Screen Size of the nüvi GPS units



From the bar chart we can understand the Model nüvi 3590 has the advantage in terms of both the screen size and the Number of features.

Even though model 3790 has the number of features as 3590 it has lesser screen size.



From this chart we can understand that the model nüvi 3590 has been released recently than all other models except for 3597LMTHD but it has one feature less than the model nüvi 3590 and all other remains same so it's better to go with the nüvi 3590 model.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Name	Model	Release Date	Screen	Card Slot	Bluetooth	RDS-TMC Support	nüLink! Service	MSN Direct support (US)	Voice Activation	Text-To-Speech	Lane Assist	Junction View	Traffic Trends	M Transmitt	MP3	No_of_features
2	nüvi	2250	05-01-11	3.5" 320x240	microSD	No	Unknown	No	Unknown	No	Unknown	Yes	Unknown	No	No	No	2
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4	nüvi	2350	09-01-10	4.3" 480x272	Unknown	Unknown	Yes	Unknown	Unknown	Unknown	Yes	Yes	Yes	Yes	Unknown	Unknown	5
5	nüvi	2350LT	10-01-10	4.3" 480x273	Unknown	Unknown	Yes	Unknown	Unknown	Unknown	Yes	Yes	Yes	Yes	Unknown	Unknown	5
6	nüvi	2350LMT	11-01-10	4.3" 480x274	Unknown	Unknown	Yes	Unknown	Unknown	Unknown	Yes	Yes	Yes	Yes	Unknown	Unknown	5
7	nüvi	2360LT	12-01-10	4.3" 480x275	Unknown	Unknown	Yes	Unknown	Unknown	Unknown	Yes	Yes	Yes	Yes	Unknown	Unknown	5
8	nüvi	2370LT	01-01-11	4.3" 480x276	Unknown	Unknown	Yes	Unknown	Unknown	Unknown	Yes	Yes	Yes	Yes	Unknown	Unknown	5
9	nüvi	3540	01-01-12	5.0" 800x480	microSD	No	Yes	No	Unknown	No	Yes	Yes	Yes	Yes	No	No	6
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15	nüvi	5000 DVB-T	02-01-08	5.2" 800x480	SD	No	Yes	No	GDB 50	No	Yes	No	No	No	Yes	Yes	6
16	nüvi	3597LMTHD	05-01-13	5" 800x480	microSD	Yes	No	No	Unknown	Yes	Yes	Yes	Yes	Yes	No	Unknown	7

-> To Summarize the 3790 model has same number of features as 3590 model but it has lesser screen size (highlighted in blue – row 13 column ‘D’) while all other features remain same.

-> Similarly the 3597LMTHD has the same screen size as 3590 model but it falls short in the no of features (highlighted in blue – row 16 column ‘Q’) while all other features remain same.

- By the observations made I strongly suggest that **nüvi 3590 model** is the best compared to all the other models.

Thank you!