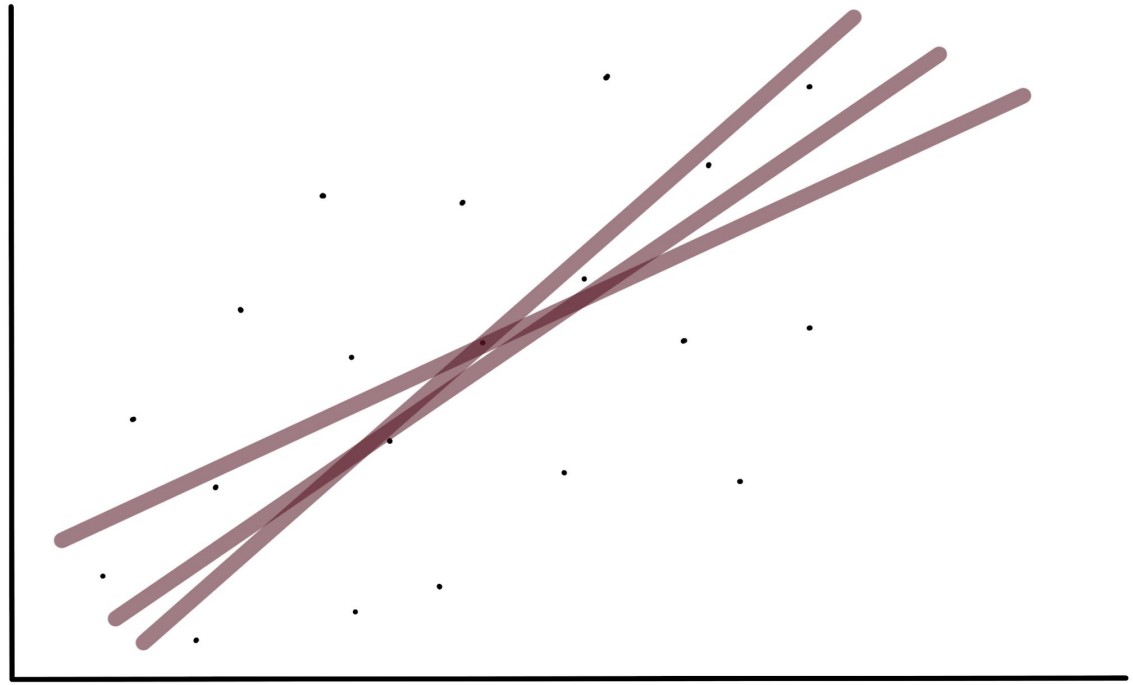
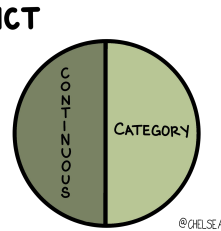
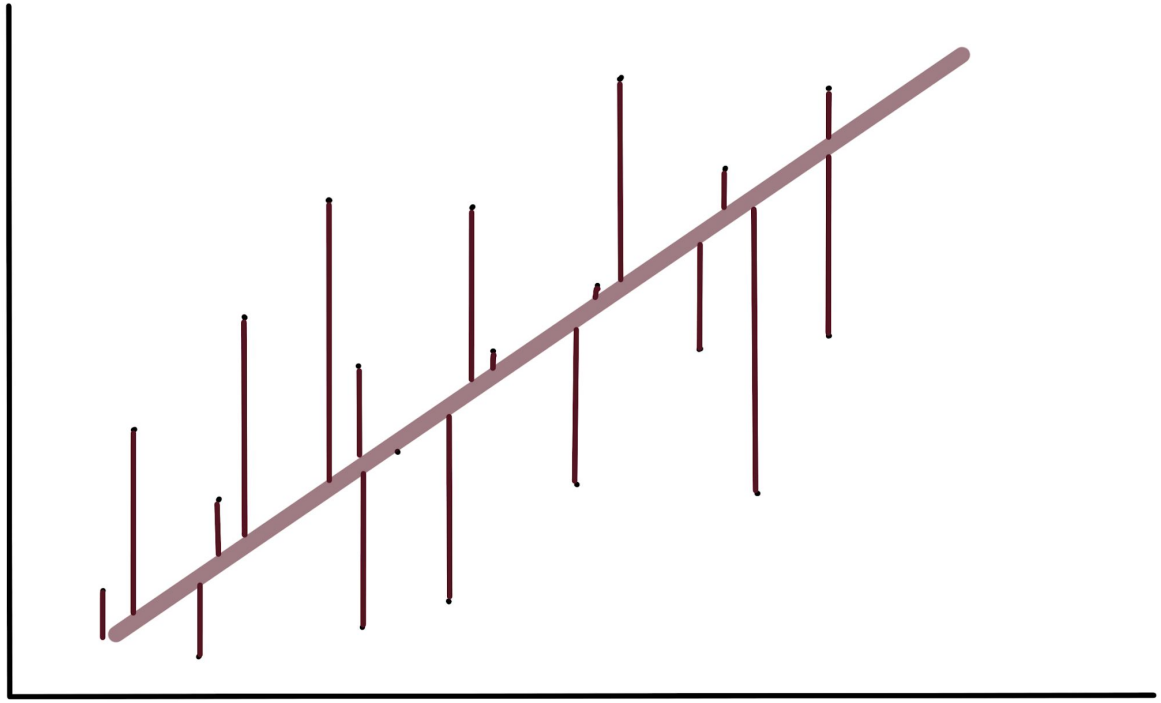
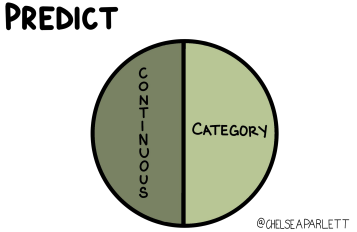
Choosing the line of best fit



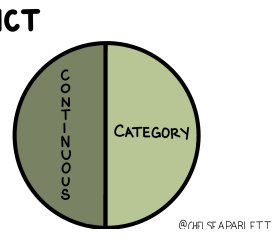


Choosing the line of best fit

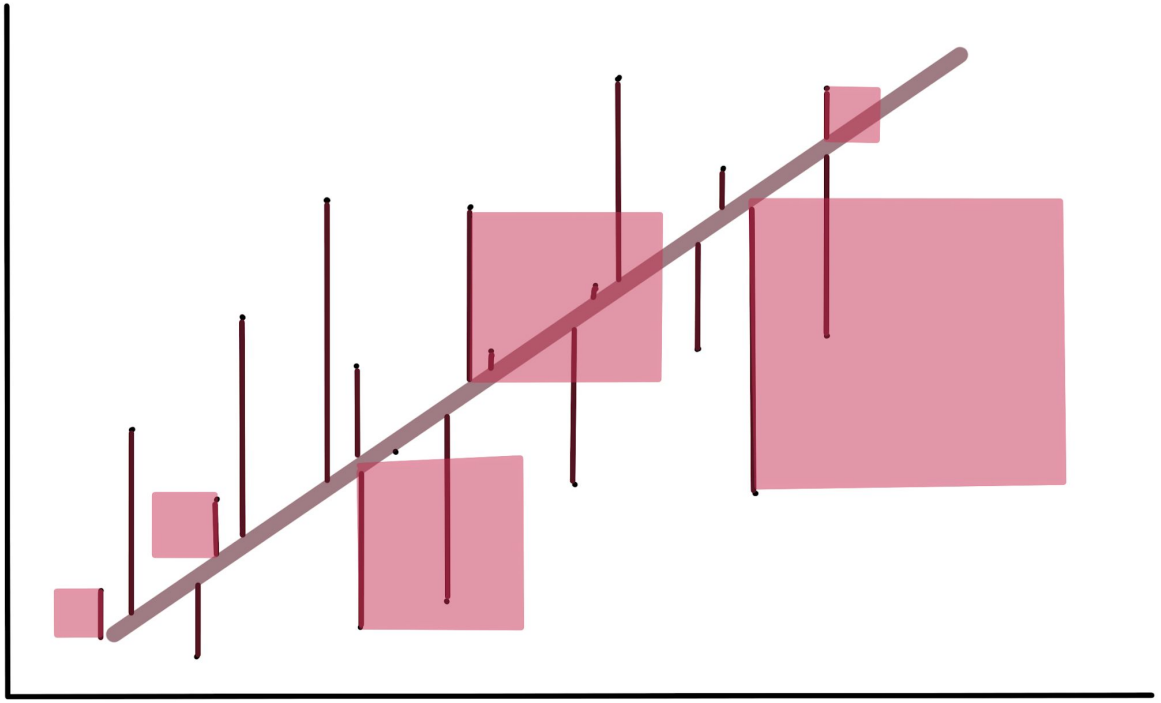




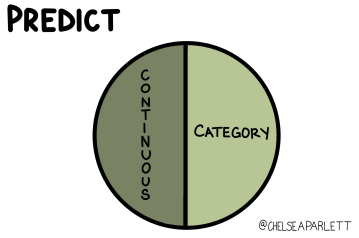
Choosing the line of best fit



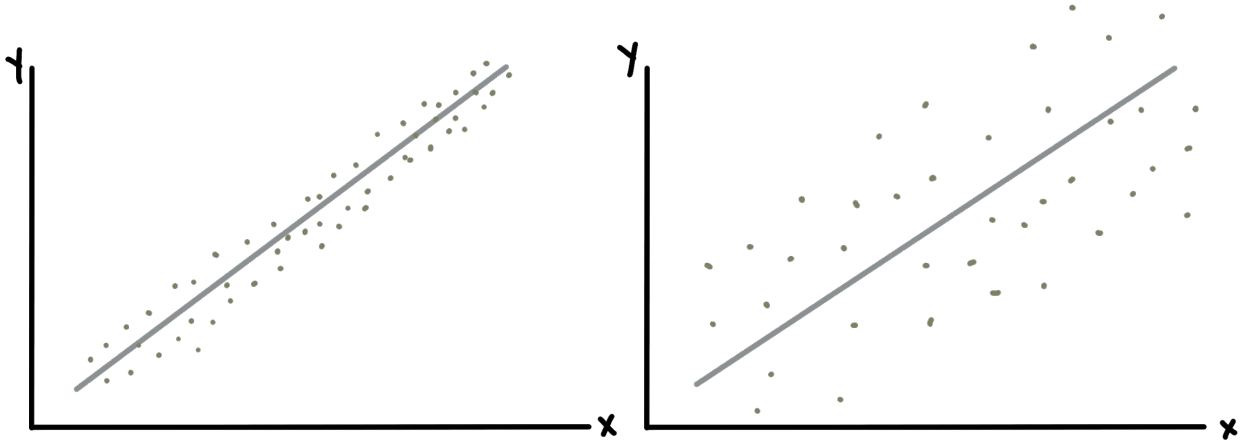
- Sum of Squared Errors
- Mean Squared Error



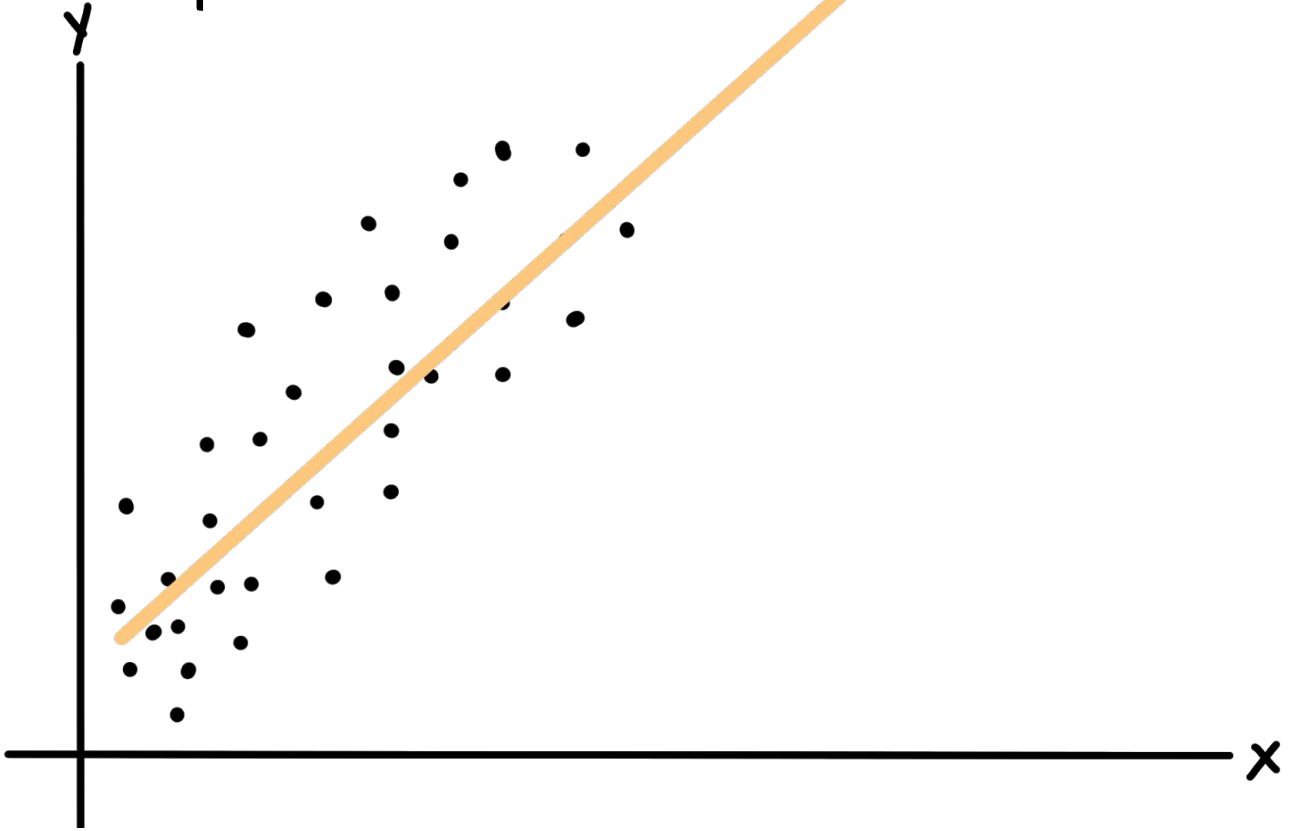
Choosing the line of best fit

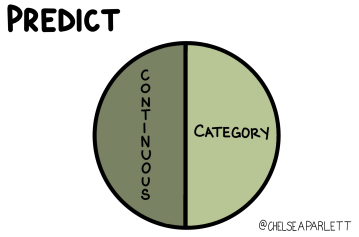


- Sum of Squared Errors
- **Mean Squared Error**



Don't extrapolate





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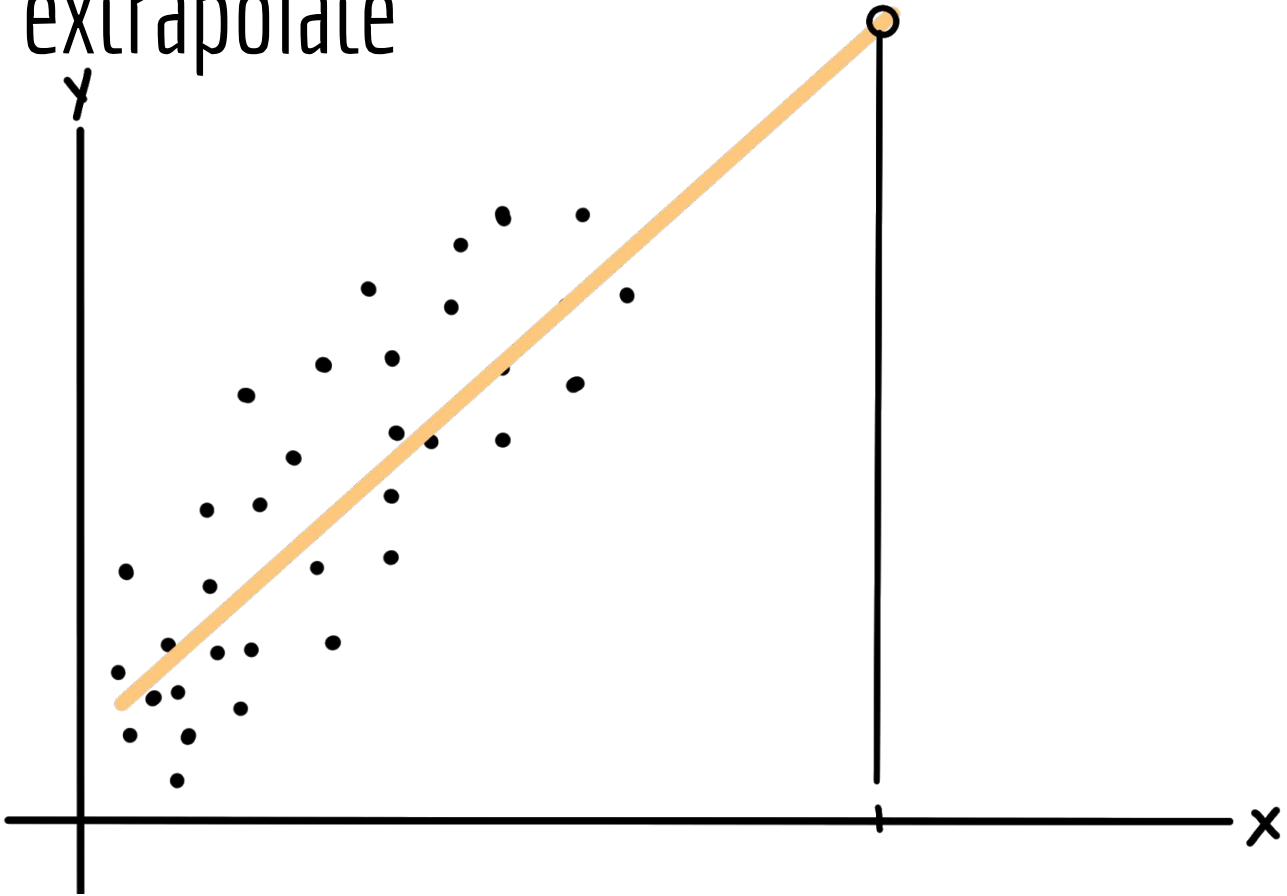

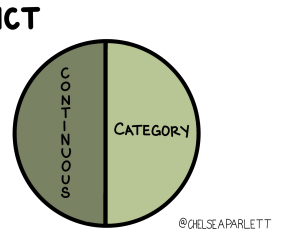

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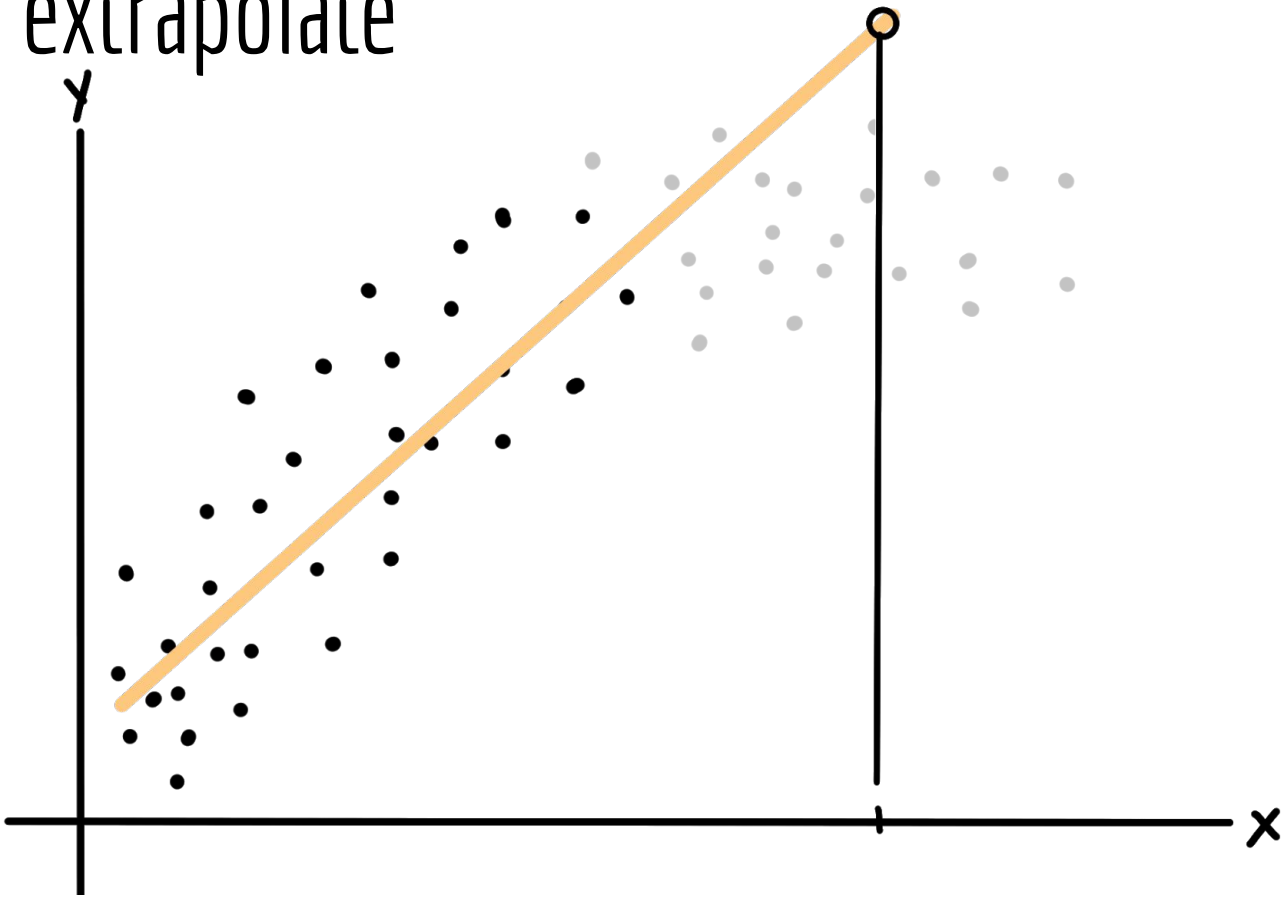
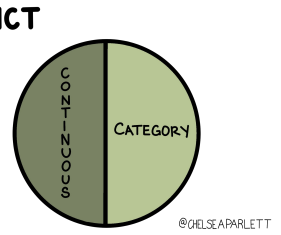
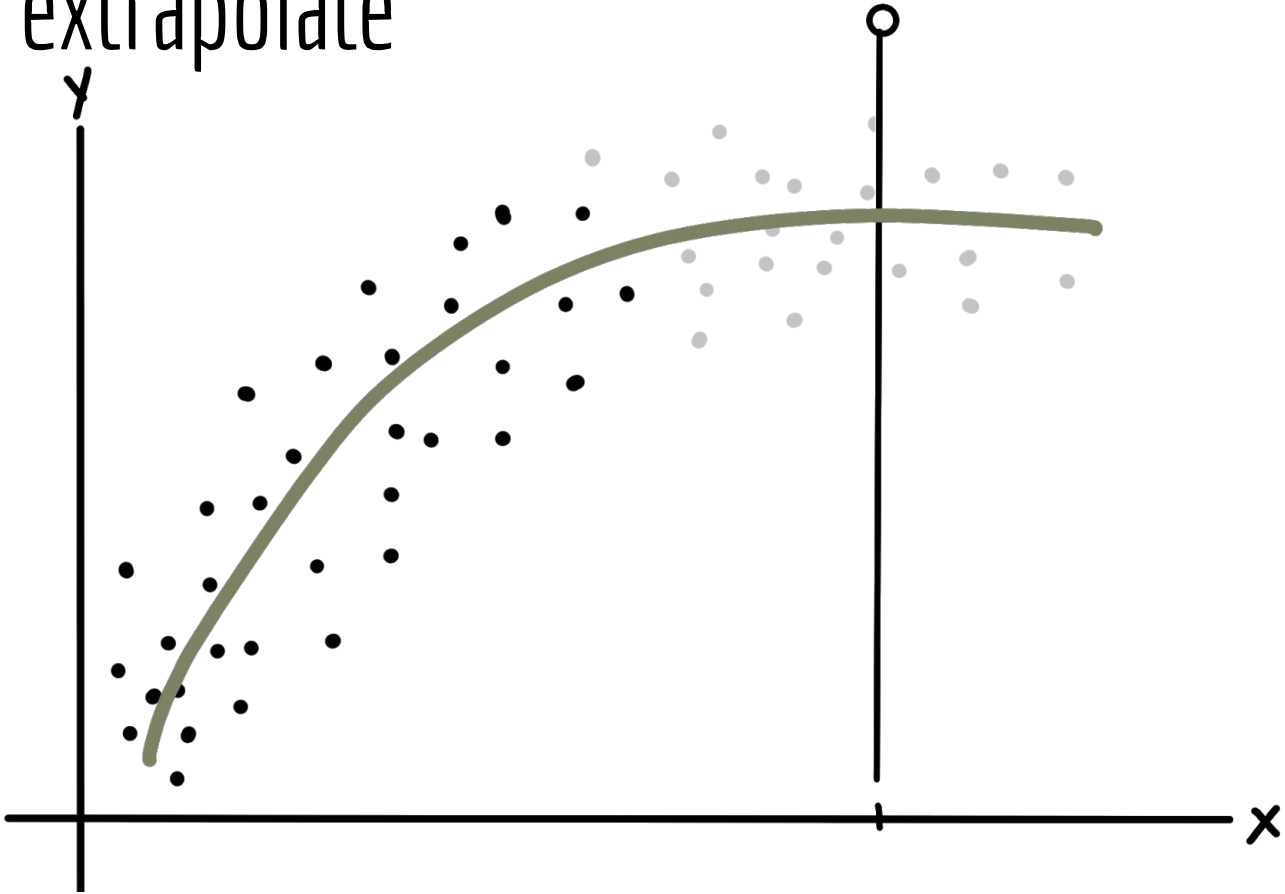
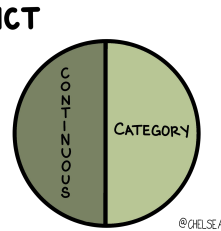


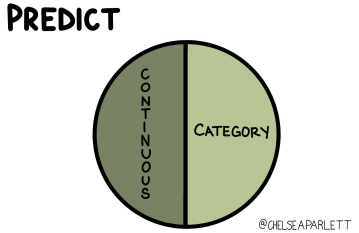


Don't extrapolate





Doing LR for prediction



sklearn:

```
x = Model( )

x.fit(X, y)

x.predict(X_new)

x.score(X, y)
```