

# Econ 2250: Stats for Econ

Fall 2022

[Source for pic stats above.](#)

What we will do today?

- Something that we discussed last time?
- Review mean, standard deviation, quantile
- Dependent vs independent variables

## Review

What are the three things that economists are looking for in statistical analysis?

## Review: Standard Deviation

$$\sigma = \sqrt{\frac{\sum (x_i - \mu)^2}{N}}$$

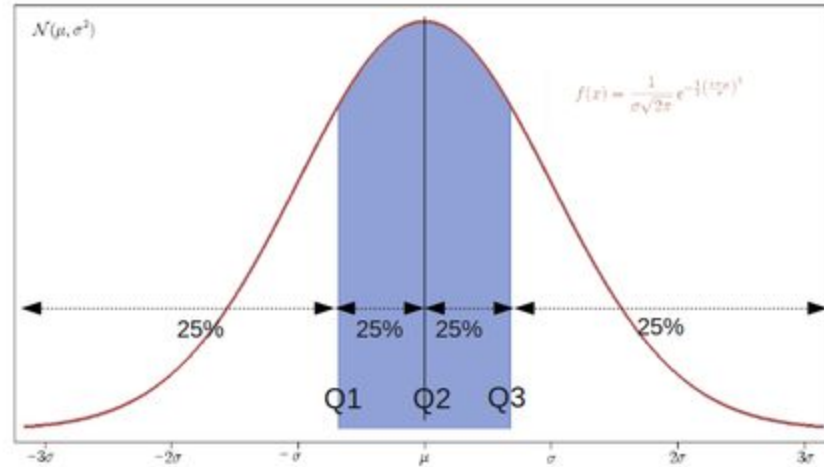
$\sigma$  = population standard deviation

$N$  = the size of the population

$x_i$  = each value from the population

$\mu$  = the population mean

# Review: quantile



Our python examples can be found here

<https://colab.research.google.com/drive/14xYQBA9ljERTgil67w-PpuxNHEZemCBb?usp=sharing>

# Today's materials

[https://colab.research.google.com/notebooks/mlcc/intro\\_to\\_pandas.ipynb](https://colab.research.google.com/notebooks/mlcc/intro_to_pandas.ipynb)

## Exercise

Does everyone feel that they have at very least the tools needed for the homework?

End of class form



(<https://forms.gle/6686fEWkeHwboHpg6>)