# EDA with categorical variables

**EXPLORATORY DATA ANALYSIS IN POWER BI** 

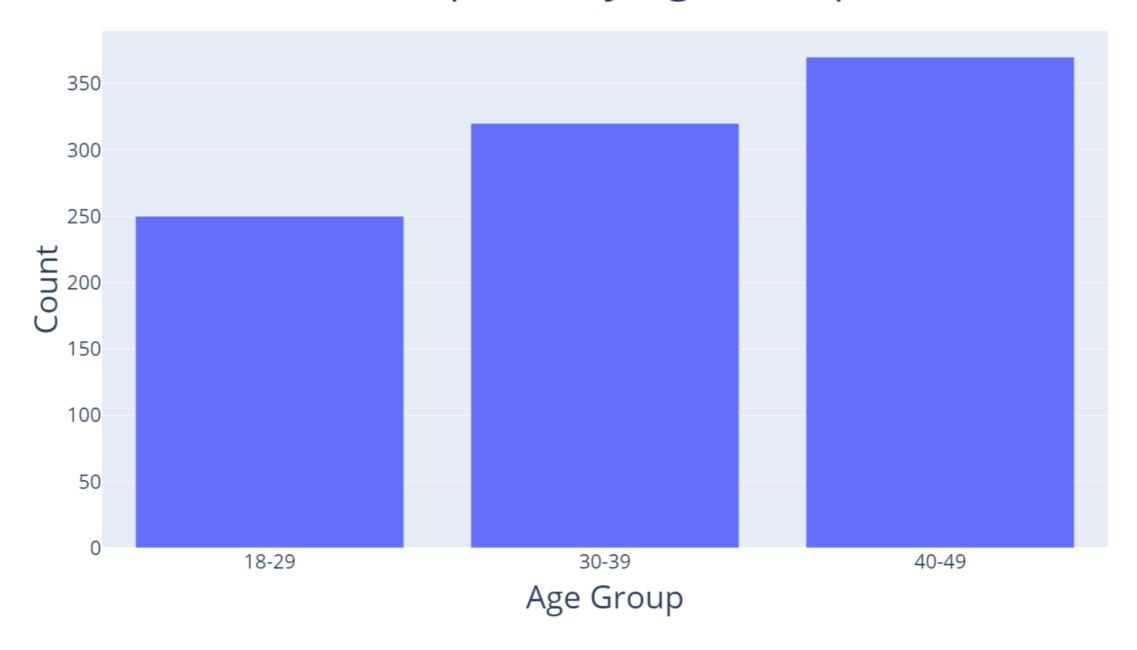


Maarten Van den Broeck Content Developer at DataCamp



#### Categorical variables and frequency

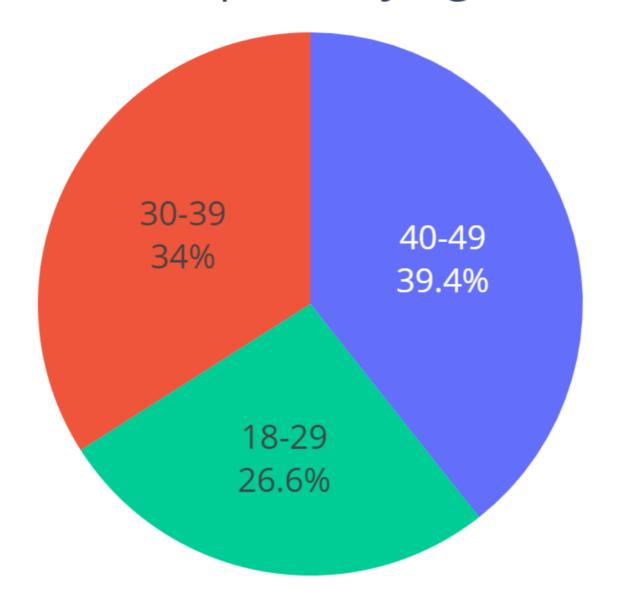
Number of Participants by Age Group





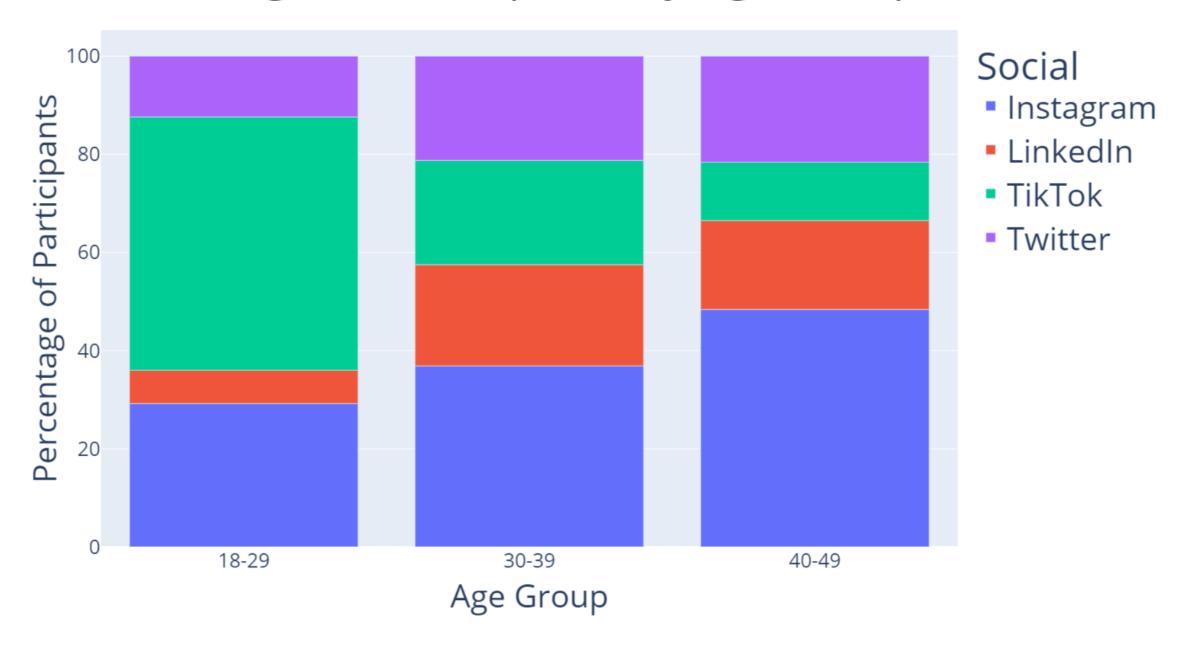
#### Categorical variables and percentages

Percentage of Participants by Age Group



#### Proportions across multiple categorical variables

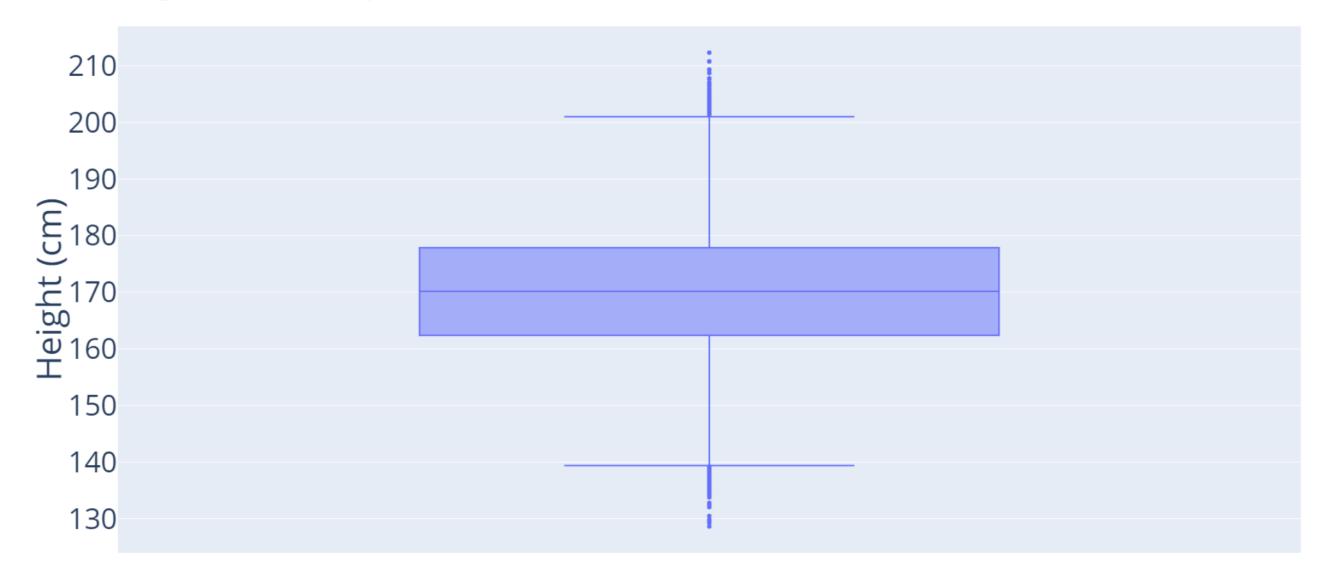
Percentage of Participants by Age Group



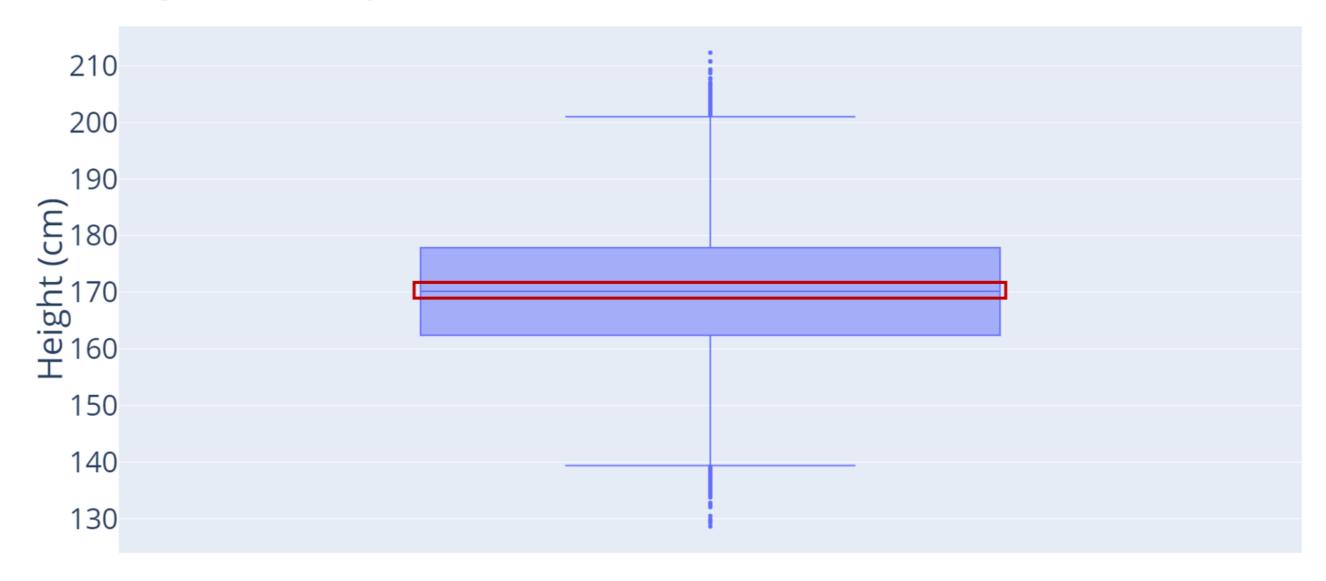


#### Categorical variables with descriptive statistics

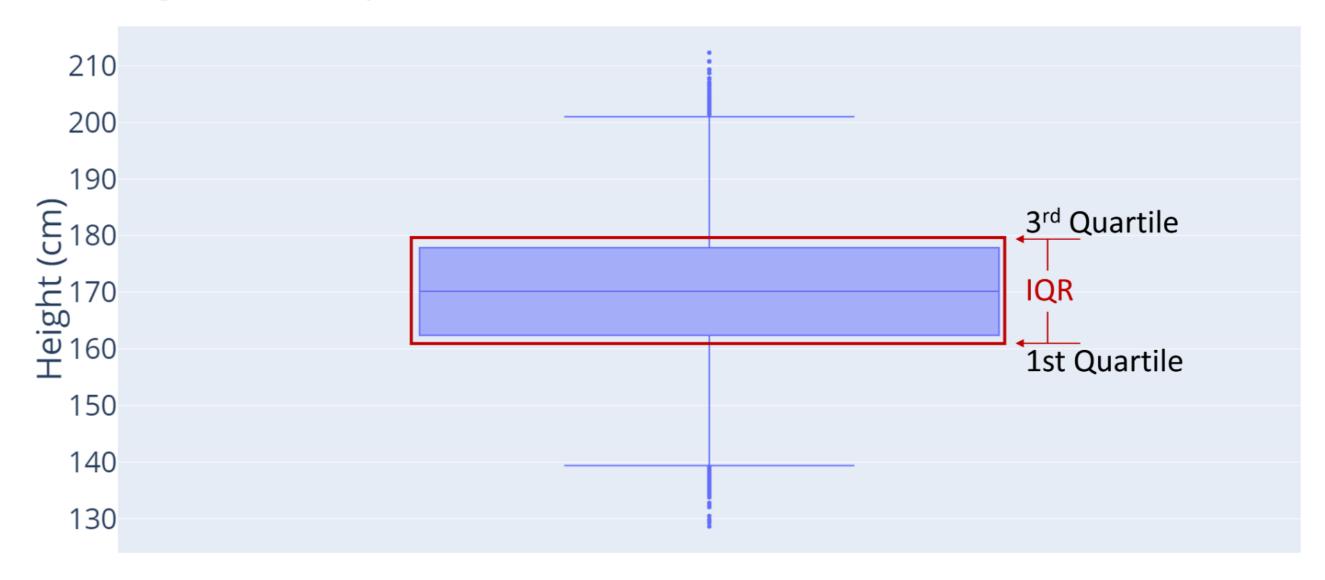
Age Group	Median Hours per Day on Social Media
18-29	6
30-39	3
40-49	3



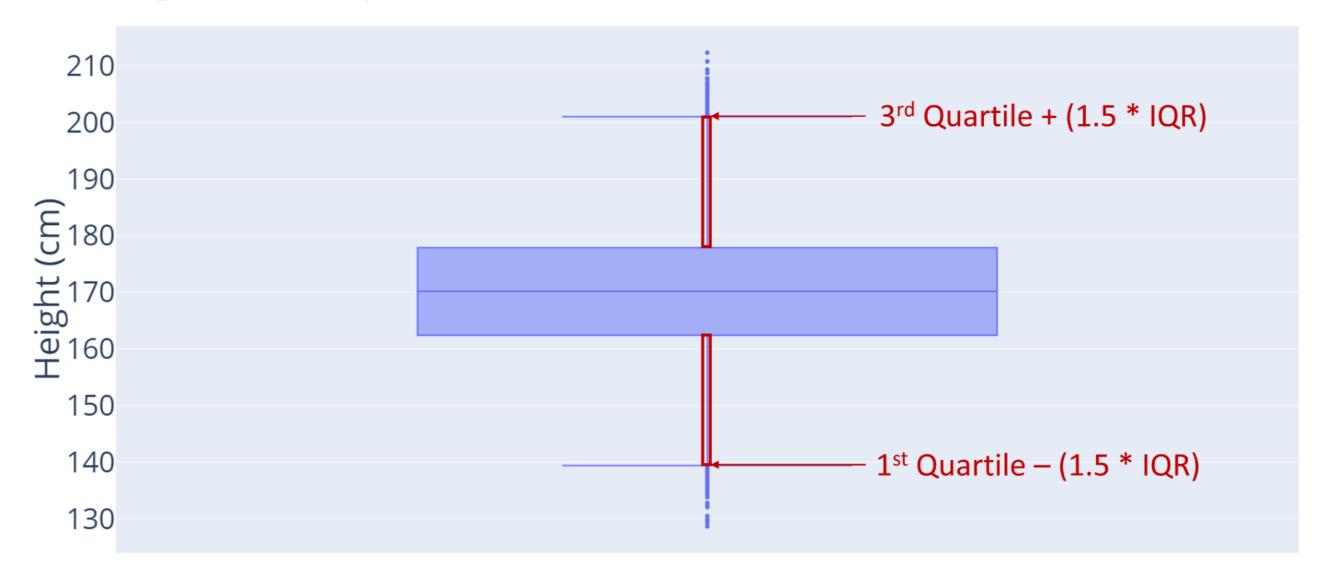


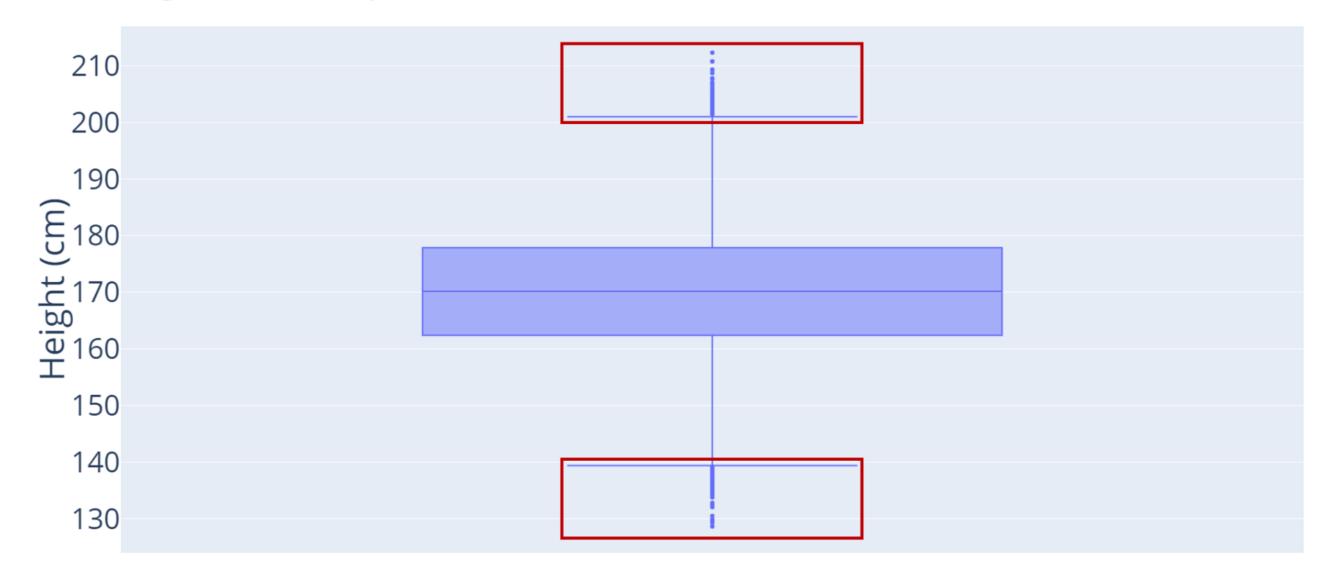






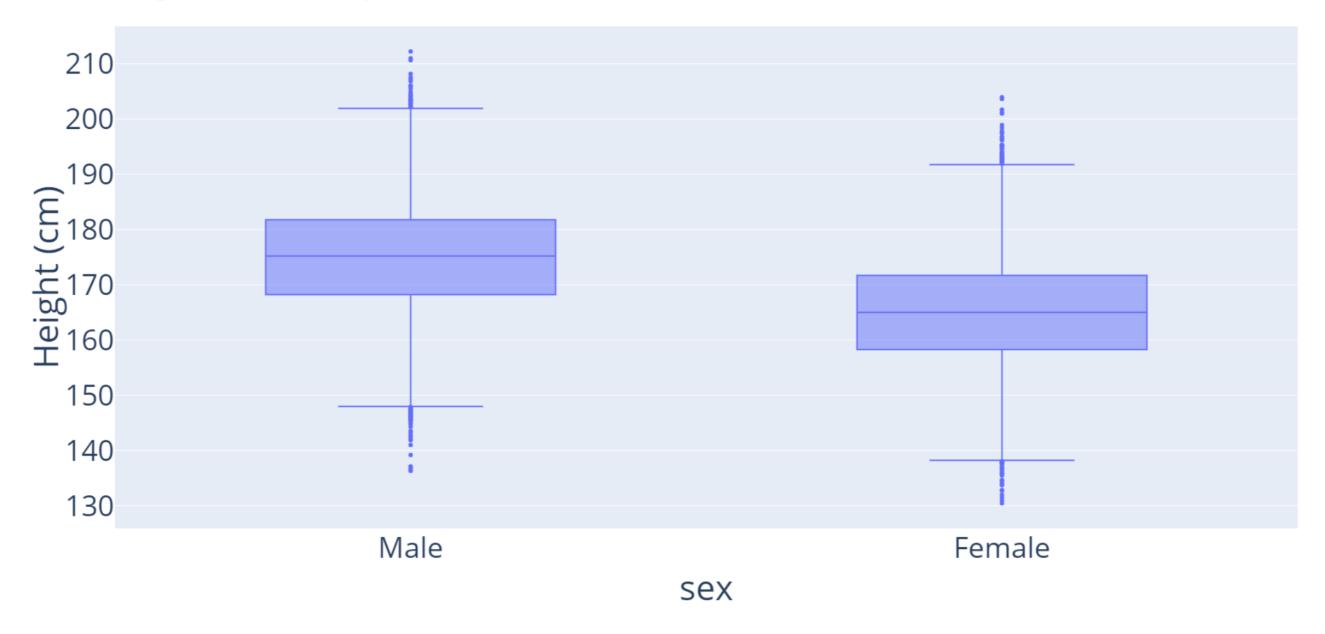








#### Comparing distributions with categorical variables





#### Creating new variables

Data mutation: creating new variables to refine an analysis or visualization



#### Creating new variables

Data mutation: creating new variables to refine an analysis or visualization

Age	Age Group	
18	Teen	
19	Teen	
20	Early Adult	
21	Early Adult	
30	Adult	
31	Adult	
40	Middle Age	
41	Middle Age	

Course Title	Course Type
Introduction to Power BI	Power BI
Unsupervised Learning in R	R
DAX in Power BI	Power BI
Introduction to Python	Python

## Let's practice!

EXPLORATORY DATA ANALYSIS IN POWER BI



# Exploring categorical variables with AirBnB data

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## Let's practice!

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