

Preliminary Report

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1 Topic

The main topic of our final project will be about digitalization in the European Union countries, more precisely we want to analyze three aspects:

1. **The level of access to the internet:** how many have access to the internet, with which devices and how this percentage has changed over time
2. **Internet uses:** how often people use the internet, for what purposes, negative experiences of users, to then do a more in-depth analysis for some sectors such as e-commerce and financial activities.
3. **Digital skills:** the skills that people have in using the internet, the skills in evaluating the information they find online and the number of people who have ICT skills.

2 Datasets

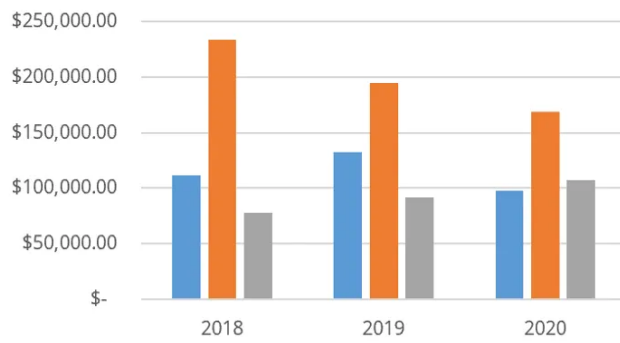
Digitalization [datasets](#)

- Internet access section:
 - Households - level of internet access
 - Households - type of connection to the internet
 - Households - devices to access the internet
 - Households - reasons for not having internet access at home
- Frequency and use type of internet:
 - Individuals - frequency of internet use
 - Individuals - internet activities
 - Individuals - encountering hostile or degrading online messages
 - Internet purchases by individuals
 - Financial activities over the internet
- Digital skill
 - Individuals' level of digital skills
 - Evaluating data, information and digital content
 - Persons with ICT education by labour status
 - ICT specialist in employment (by sex, age and educational attainment level)

3 Charts type

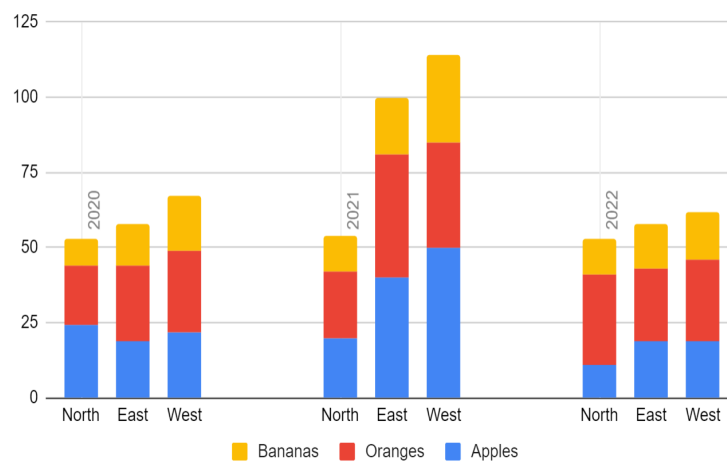
Bar chart

Bar Chart (Data Visualization)

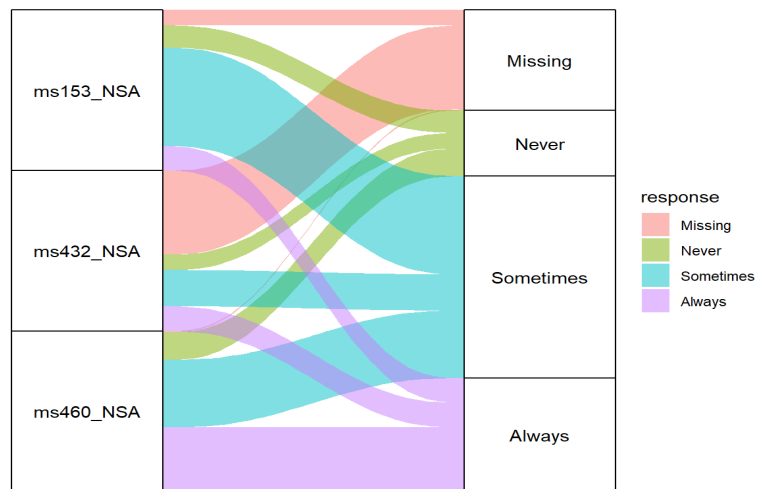


Stacked Bar Chart

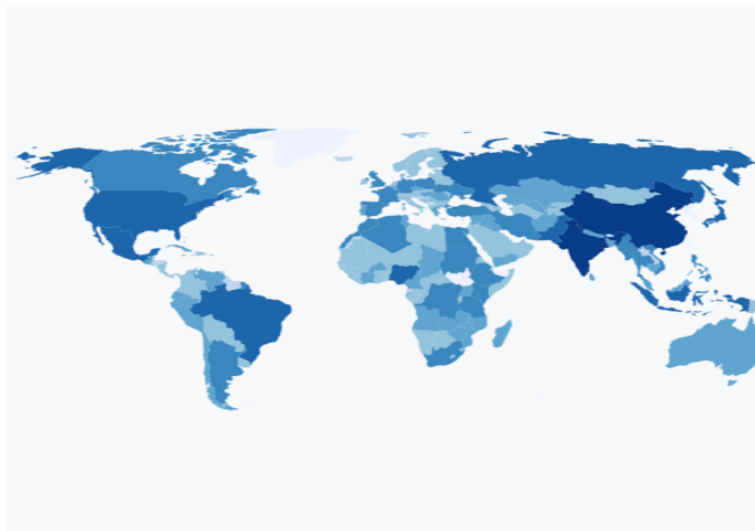
Sales by Store and Year



Alluvial Chart



Map



Line Chart

