

# Data Visualization

## Assignment #2

## Homework assignment #2

---

### Assignment #2:

“dataset visualization using Tableau”

- Assignment #2 is an individual project using Tableau Desktop.
- For this assignment, you must visualize the given dataset(s), creating a **dashboard** displaying *at least two* visualizations in Tableau Desktop with *at least one filter*.

## Homework assignment #2: datasets (2026)

---

- The theme of the assignment is Airbnb Athens.
- You will draw from (one or more of) the following dataset(s):
  - <https://the-examples-book.com/projects/data-sets/AirBnB>
  - And, optionally, any additional dataset
- You may combine any of the datasets you wish for your dashboard.
- Try to tell a story!

## Homework assignment #2: creation

---

- Using Tableau Desktop, create:
  - **at least two visualizations** (Sheets) exploring relationships in the dataset.
  - **one dashboard**: combining your visualizations. Your dashboard should present a clear story or insight and allow users to interact with the data
  - **at least one interactive filter**, allowing users to explore the visualizations dynamically

## Homework assignment #2: submission

---

- Submit a .zip file containing:
  - the Tableau Desktop project (.twb file)
  - the dataset(s) used + the altered dataset extracted from Tableau (if applicable)
  - a brief report (in .txt, .docx, or .pdf form) explaining which dataset(s) you used, which data fields/relations you visualized, which filters are available in the dashboard, what insight or story your dashboard communicates, and any other details required for us to understand your work.

Thank you!

---

[mroussou@di.uoa.gr](mailto:mroussou@di.uoa.gr)

<https://eclass.uoa.gr/courses/DI453/>