

DV02 – Exploratory Data Analysis

1. Tableau tutorial

Download the following Tableau workbook **Introduction to Tableau - Music Sales - Tft.twbx**:

<http://app.corp.tableausoftware.com/e/er?s=840&lid=4292&elq=bdd033802ff44f7e8854575c16ca53de>

Open the file in Tableau and follow the instructions. In the end you will have created a Dashboard visualization. Export the Dashboard as an image. (Menu -> Dashboard -> Export Image).

2. **Explore** your data and find a **story** [= Step 2,3 from the main project]

It is time to apply your exploration skills to your own dataset. Here is a possible workflow in Tableau (but feel free to use other exploration tools if you prefer):

- Connect with your data in Tableau. You can import and join multiple datasets.
- Browse your data and make sure you have an overview of the dimensions and measures in your dataset.
- Formulate questions about the data, or at least one to start with.
- Try to get an insight into the answer to your question by creating a visualization. Start by looking for the dimensions and measures that could help you reach the answer and what measures to assign to size, colors and labels. Do you need to filter the data?
- Did you answer the question? Then pose and answer the next question.
- Create a Dashboard that gives an overview of your visualizations.
- Document the whole process

Discuss your dataset and exploration with your teacher. Add all assignments to your portfolio.