



- The top five platforms. Describe variations in their market shares from region to region.
- The top five genres. Explain the difference.
- Do ESRB ratings affect sales in individual regions?

Step 5. Test the following hypotheses:

- Average user ratings of the Xbox One and PC platforms are the same.
- Average user ratings for the Action and Sports genres are different.

Set the *alpha* threshold value yourself.

Explain:

- How you formulated the null and alternative hypotheses
- What significance level you chose to test the hypotheses, and why

Step 6. Write a general conclusion

Format: Complete the task in the Jupyter Notebook. Insert the programming code in the *code* cells and text explanations in the *markdown* cells. Apply formatting and add headings.

Data description

- Name*
- Platform*
- Year_of_Release*
- Genre*
- NA_sales* (North American sales in USD million)
- EU_sales* (sales in Europe in USD million)
- JP_sales* (sales in Japan in USD million)
- Other_sales* (sales in other countries in USD million)
- Critic_Score* (maximum of 100)
- User_Score* (maximum of 10)
- Rating* (ESRB)

Data for 2016 may be incomplete.

How will my project be evaluated?

Read these project assessment criteria carefully before you get to work.

Here’s what project reviewers will be looking at when evaluating your project:

- How do you describe the problems you identify in the data?
- How do you prepare a dataset for analysis?
- How do you build distribution graphs and how do you explain them?
- How do you calculate standard deviation and variance?
- Do you formulate alternative and null hypotheses?
- What methods do you apply when testing them?

