

Worksheet 1.0 - Intro to Spreadsheets and Charts

Name

Class

Question 1

Below is a table of data that addresses the question: "What are the top 5 fast food restaurants with the most locations in Australia in 2024?"

Restaurant	Number of Locations
Subway	1,243
McDonald's	1,053
KFC	782
Dominos Pizza	726
Hungry Jack's	476

Using your spreadsheet program (Microsoft Excel, or Google Sheets etc.) copy and type in the data above.

Question 2

Using the data you typed in for Question 2, generate a **column chart** to represent the same data.

Ensure that your chart has:

- Title
- Labels on both the horizontal and vertical axes

Paste in a *screenshot* of your column chart below:

Question 3

Now we're going to ask a question about you and your class:

“What are the types of food most enjoyed by students in my class?”

As a class, count the number of students who like certain types of food (e.g. Italian, Chinese, Fast Food etc.), and fill in the below table.

Ensure that you record the answers in **descending order** of number of students. That is, put the types of food with more students on top of the ones with less students.

Type of Food	Number of Students

Question 4

Type in the data you recorded for Question 3, and generate a **column chart** to represent the same data.

Ensure that your chart has:

- Title
- Labels on both the horizontal and vertical axes

Paste in a *screenshot* of your column chart below:

Question 5

Let's consider this question:

“What is the number of paid (premium) Spotify members compared to free Spotify members?”

Premium: 236 million

Free: 379 million

Instructions:

1. Type in the information into your spreadsheet
2. Generate a **pie chart** for the data

Paste in your pie chart below:

Question 6

Let's consider this question:

“What is the number of student enrollments across Australian school affiliations in 2024?”

School Affiliation	Number of Enrollments
Government	2,619,513
Catholic	820,222
Independent	692,271

Instructions:

1. Type in the information into your spreadsheet
2. Generate a **column chart** for the data
3. Paste in your column chart below

4. Now generate a **pie chart** for the data
5. Paste in your pie chart below

Which of the two charts, column or pie, do you think better visualises the data?

Why do you think it better visualises the data compared to the other type of chart?