✅ **Congratulations! You passed!**

| Grade received 90% | Latest Submission Grade 90% | To pass 80% or higher | **Go to next item** |

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1. The attached spreadsheet provides information regarding the companies 60 jobs in three states (NSW, QLD, and VIC). Have a look at the **Jobs-Data** worksheet. Find the cells that contain Data Validation to answer the first question.

   📎 **C3 W1 Assessment**
   XLSX File

   Which column contains Data Validation? (Write the column letter)

   > J

   ✅ **Correct**
   Yes, column **J** contains Data Validation.

   `1 / 1 point`

2. One of the cells in that column contains invalid data. Use the Data Validation tools to search for any invalid data and correct it.

   Which cell contains invalid data? (Write the cell address)

   `1 / 1 point`

   > J14

   ✅ **Correct**
   Yes, **J14** contains **QLP** where it should be **QLD**.

3. Find the cell where Data Validation has been applied unnecessarily and remove the data validation from the cell.

   Which cell contains unwanted data validation? (Write the cell address)

   > J3

   ✅ **Correct**
   Yes, **J3** is outside of the main data table so it does not need Data Validation.

   `1 / 1 point`

4. Apply a drop-down list to cell **M6** (3 states: NSW, QLD, VIC) and create a formula in cell **O6** to calculate the number of jobs in the selected state.

   Find the number of jobs in the state of **VIC**.

   > 24

   ✅ **Correct**
   Yes, there are 24 jobs in **VIC**.

   `1 / 1 point`

5. Apply a drop-down list to cell **M10** (3 states: NSW, QLD, VIC) either from scratch or by copying the validation from **M6**. Create a formula in cell **O10** to calculate the total profit from the jobs in the selected state.

Find the total profit from the jobs in the state of **VIC**. (put in the number only, no separators or currency sign)

> 248490

❌ **Incorrect**

`0 / 1 point`

6. Apply a drop-down list to cell **N14** (Numbers: 1, 2, 3, ..., 9) and apply Conditional Formatting to the **Number of people** column to find out the number of jobs with more than the number of people in the cell **N14**.

How many jobs have more than 8 people?

> 7

✅ **Correct**
Yes, there are 7 jobs with more than 8 people.

`1 / 1 point`

7. Apply Data Validation to the **Job number** column to avoid duplicate job numbers. Is there any duplicated data in this column after applying Data Validation? Specify the cell addresses, separated by a comma.

> B10,B19

✅ **Correct**

`1 / 1 point`

8. Add Data Validation to the **Markup percentage** column to have any number between 0.1 to 0.5. Which is the best option for the type of validation criteria?

- ◉ Decimal
- ◯ Whole Number
- ◯ Any Value

✅ **Correct**

`1 / 1 point`

9. The **Job start date** column should be validated to have the Job date after 2015-07-01. Which is the best option for the type of validation criteria? Apply the validation to this column.

- ◯ Date/less than
- ◯ Date/between
- ◉ Date/greater than

✅ **Correct**

`1 / 1 point`

10. Copy the **Job start date** column Data Validation to **Estimated finish date** column. Which cell/cells contain invalid data if any?

> E62

✅ **Correct**

`1 / 1 point`