Just IT

B2W group

Apprenticeships | Training | Recruitment

Data Technician

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Day 1: Task 1

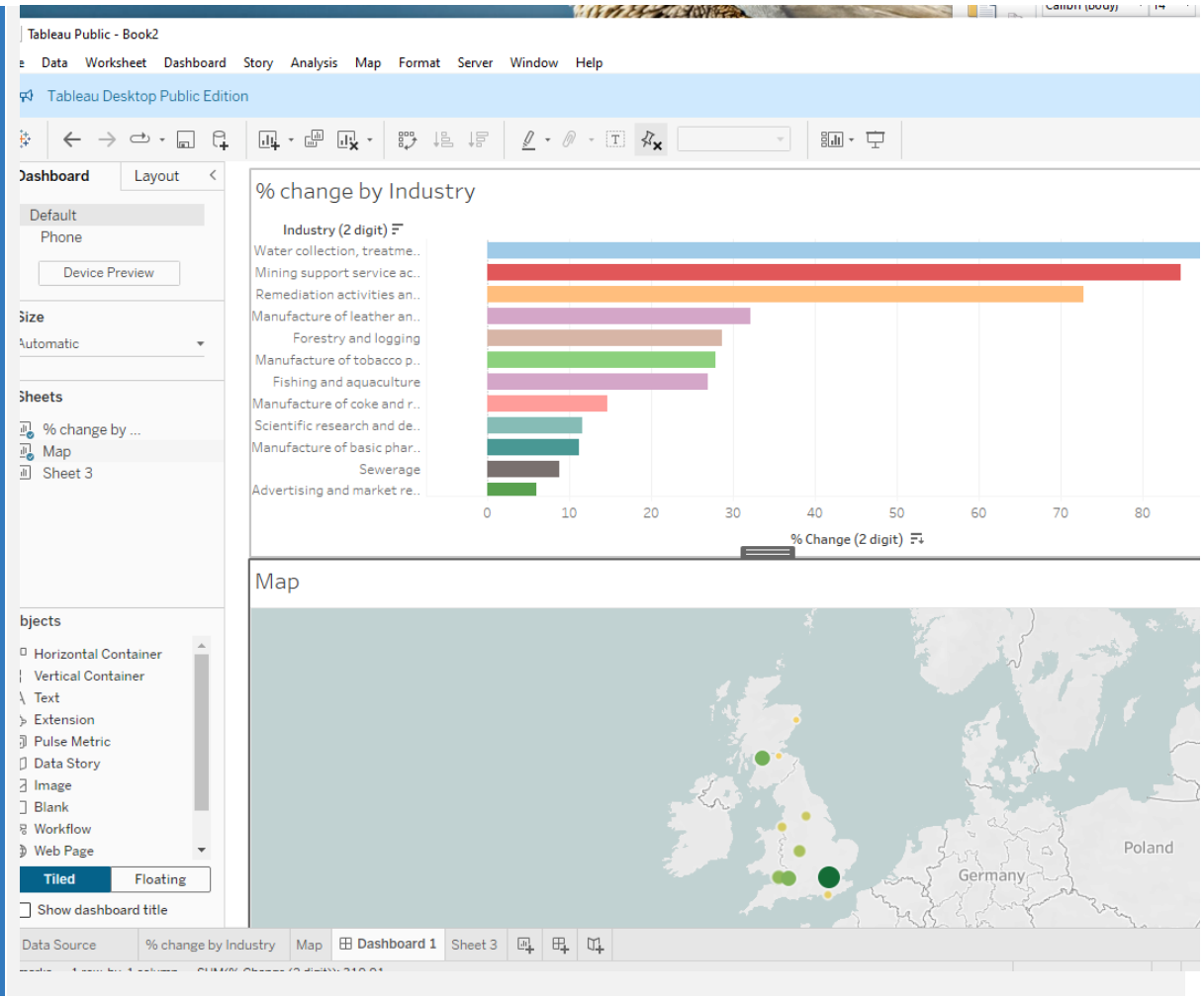
Please research the different versions of Tableau, compare and contrast them below and explain the limited functionality on 'Tableau Public'.

Different Tableau versions	Tableau Desktop, Tableau Server, Tableau Cloud, Tableau Public Tableau desktop is useful to create and analyse data visualization locally on computer Tableau Server is used for publishing and sharing tableau dashboards within an organization. Tableau Cloud is a cloud based platform for creating, publishing and sharing tableau dashboards. Tableau Public is a free version of tableau for creating and sharing visualisations publicly. Tableau public is mainly designed for sharing visualisations publicly. It has limitations in data connectivity, data size, features, security and sharing options.

Day 1: Task 2

Using the *EMSI_JobChange_UK* dataset, create your own dashboard, I want to see a bar chart showing percentage change and a UK based map showing the key city locations impacted.

Paste your print screen here

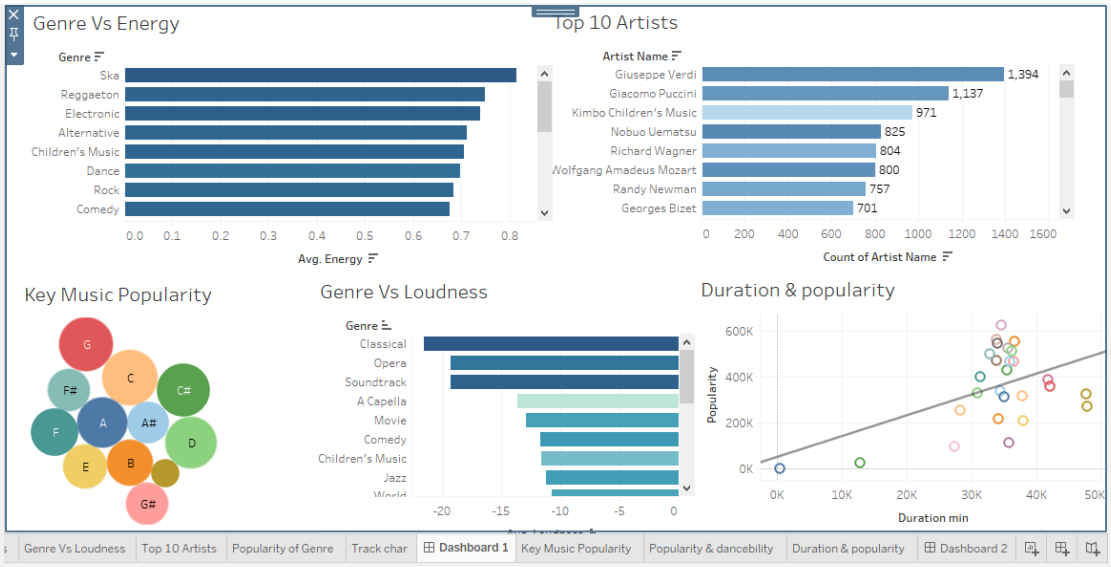


Day 2: Task 1

Using the Spotify data set, conduct an analysis to find trends and key information that could be used by an organisation for future projects.

There is no set scope for the analysis, simply to find trends and document them below:

Paste your print screens here



What did you find?

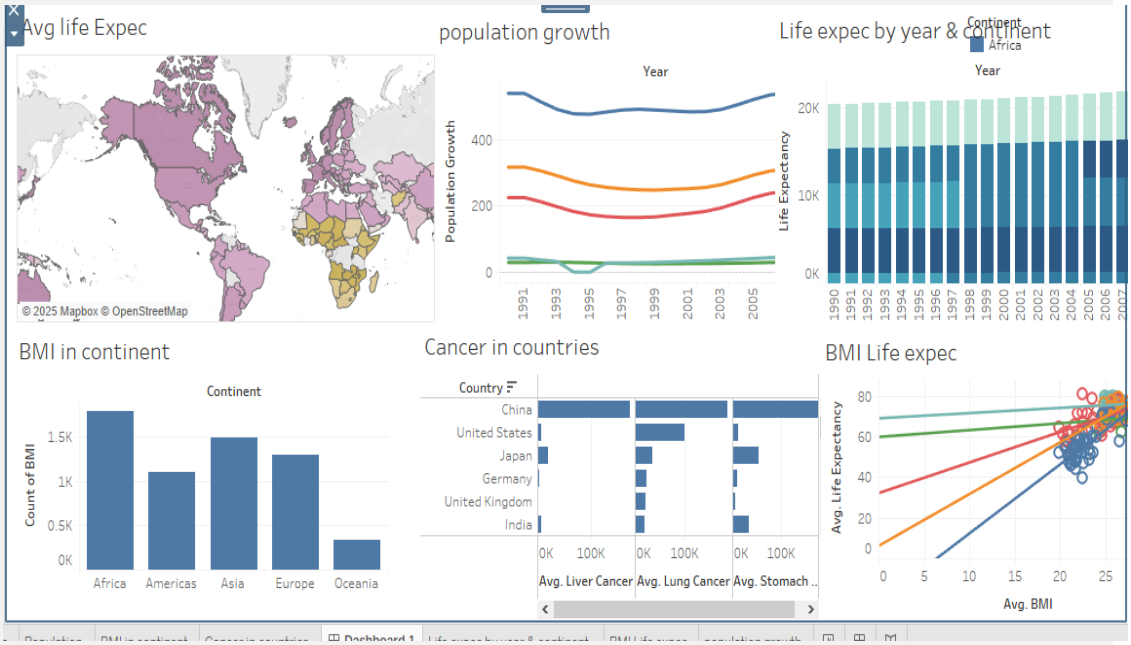
- Top 10 artists by their popularity
- G type of music is popular
- Classical genre has loudness
- Ska genre has more energy

Day 2: Task 2

Using the Health data set, conduct an analysis to find trends and key information that could be used by an organisation for future support.

There is no set scope for the analysis, simply to find trends and document them below.

- Data can be lifesaving and is being used more within the NHS, reflect on how this data could support decision making for the NHS.

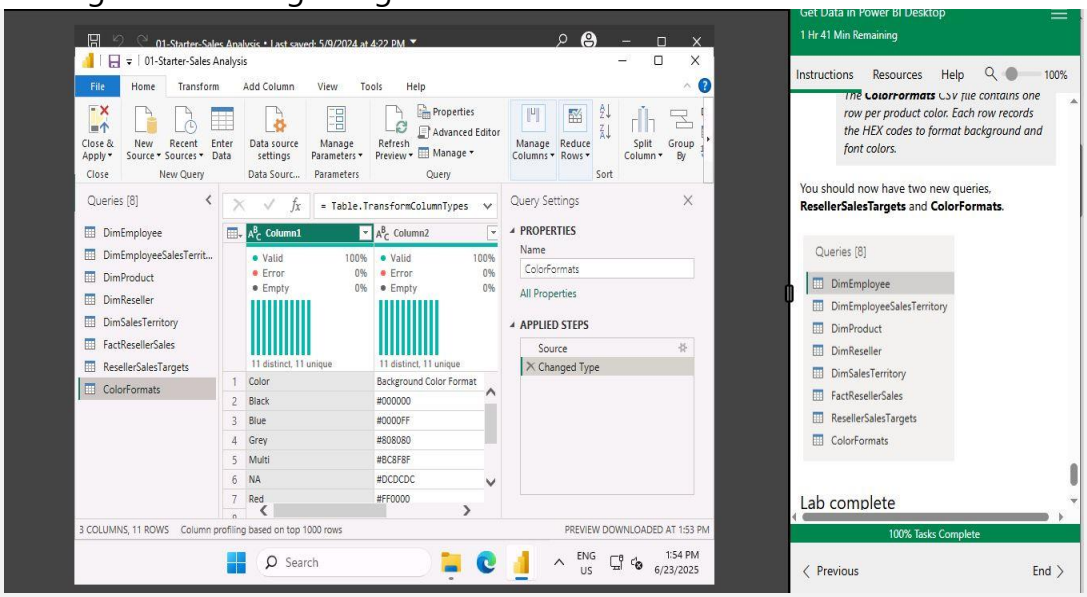
Paste your print screens here	
What did you find and any reflections on how the NHS could use this?	Average life expectancy is less and BMI is highest in Africa compare to other continents. This data can be useful for NHS in terms of predicting health issues in people of different origin who are living in UK.

Day 3: Task 1

Please complete Lab 1 ‘Get Data in Power Bi Desktop’. Once complete, paste a print screen below and in the collaboration board.

“Teaching is the best way to learn, so please listen out for support requests from the class and we’ll work through the challenges together”

Paste your completed lab here

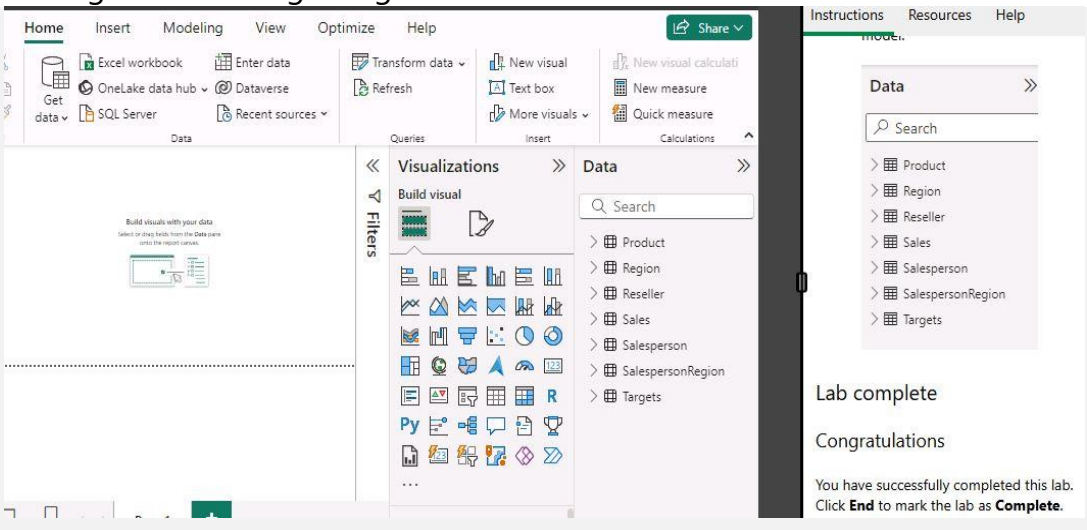


Day 3: Task 2

Please complete Lab 2 ‘Load Transformed Data in Power BI Desktop’. Once complete, paste a print screen below and in the collaboration board.

“Teaching is the best way to learn, so please listen out for support requests from the class and we’ll work through the challenges together”

Paste your completed lab here

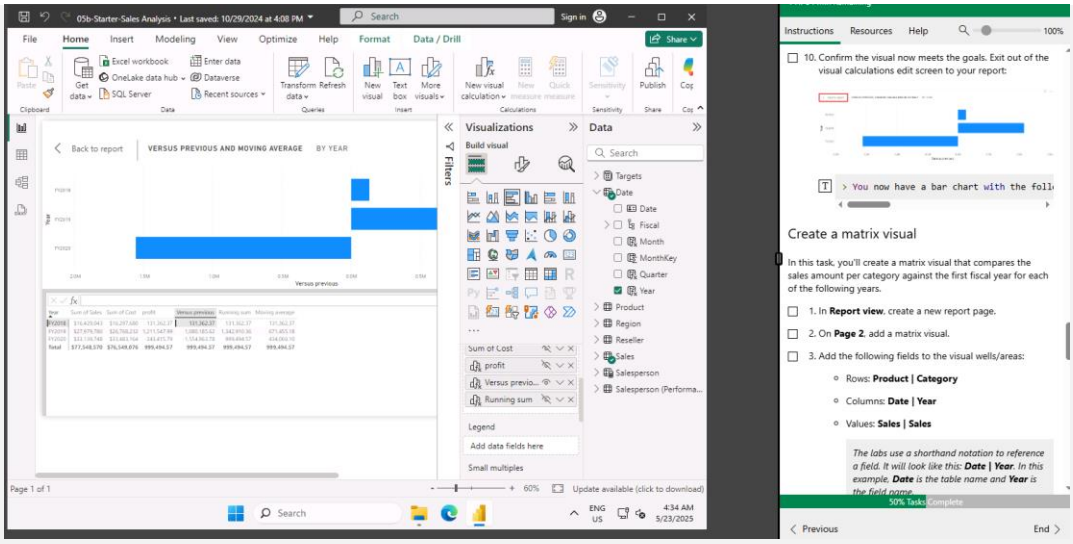


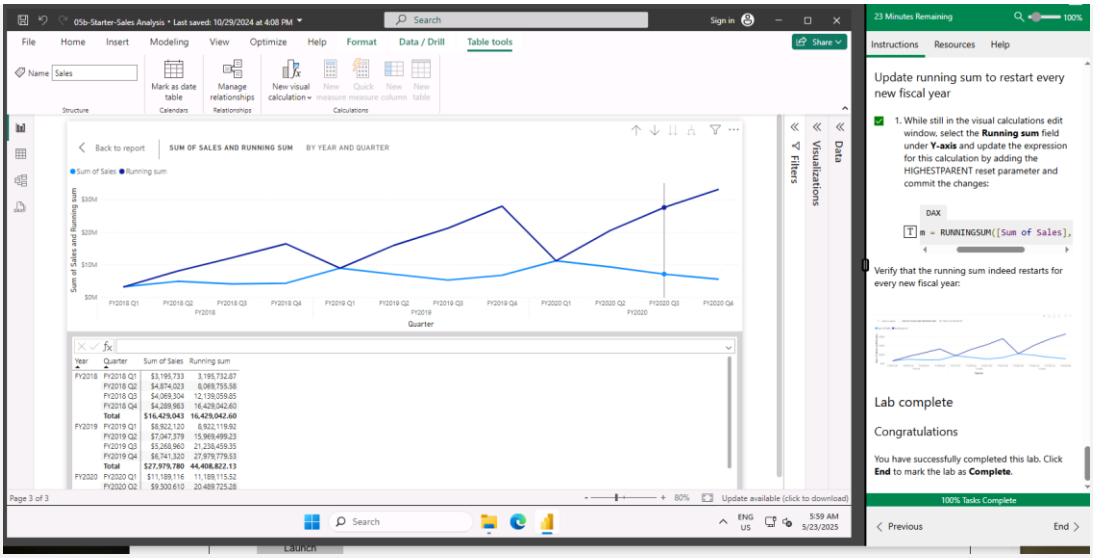
Day 4: Task 1

Please complete Lab 6 ‘Design a Report in Power BI Desktop’. Once complete, paste a print screen below and in the collaboration board.

“Teaching is the best way to learn, so please listen out for support requests from the class and we’ll work through the challenges together”

Paste your completed lab here



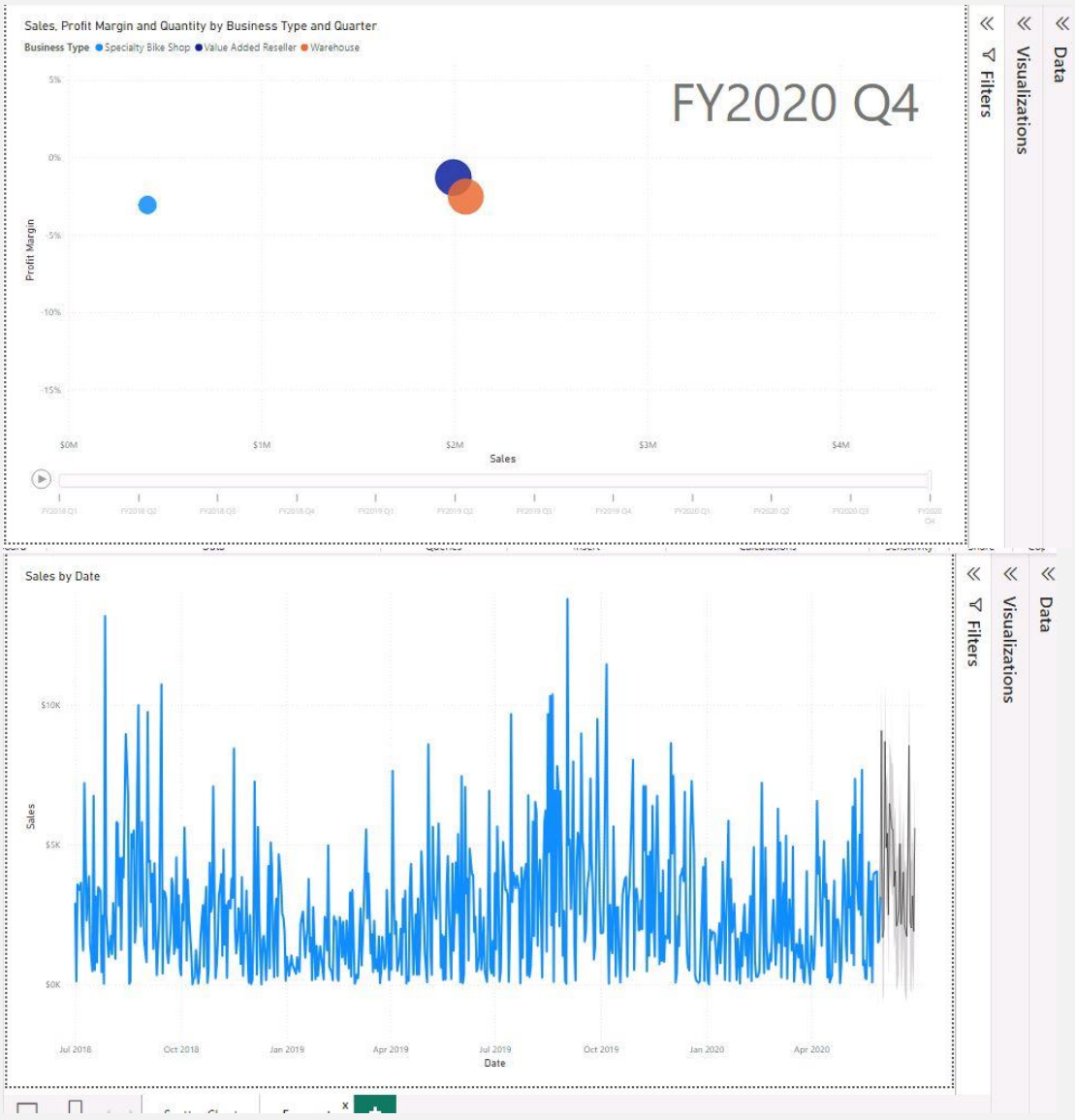

23 Minutes Remaining
Instructions
Resources
Help
Update running sum to restart every new fiscal year
1. While still in the visual calculations edit window, select the Running sum field under Y-axis and update the expression for this calculation by adding the HIGHESTPARENT reset parameter and commit the changes:
DAX
m = RUNNINGSUM([Sum of Sales],
Verify that the running sum indeed restarts for every new fiscal year:
Lab complete
Congratulations
You have successfully completed this lab. Click End to mark the lab as Complete.
100% Tasks Complete
Previous
End

Day 4: Task 2

Please complete Lab 9 'Create a Power BI Dashboard'. Once complete, paste a print screen below and in the collaboration board.

"Teaching is the best way to learn, so please listen out for support requests from the class and we'll work through the challenges together"

Paste your completed lab here



Course Notes

It is recommended to take notes from the course, use the space below to do so, or use the revision guide shared with the class:

We have included a range of additional links to further resources and information that you may find useful, these can be found within your revision guide.

END OF WORKBOOK

Please check through your work thoroughly before submitting and update the table of contents if required.

Please send your completed work booklet to your trainer.