



Fw: Montego | Interview 2 | DP Analyst PBI Tech.Assessment

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Date Thu 29 Aug 2024 16:07

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 2 attachments (819 KB)

Sample_Sales_Data.xlsx; Vacancy_Data Platform Report Writer.pdf;

FYI-

We hereby invite you for a **2nd Round Interview** on Teams again
(I know we said in the interview it was supposed to be in-person, but I'm unable to travel to CPT in the interim, so we have to do it virtually):

Agenda for Technical Assessment:

- Present your PBIX Report-Page(s) & Dataset { Instructions below }
- Questions from your presentation
- Any other technical queries
- Next steps

Instructions:

1. Use your own laptop and make sure you copy the PBIX-file onto USB removable media as backup – please e-mail the file beforehand to me or send via WeTransfer, DropBox etc. please.
2. Use the attached **Sample_Sales_Data.xlsx** file as your source-data. Use all sheets in workbook with raw data.

Data-Dictionary:

Unit Sales Price] is in ZAR

[Product Weight] is in Kilogram

3. Please use Power BI – latest PBI Desktop version, to develop your Report/Dashboard.
4. Consider best practices for your Data-Model, even though the data volume/# of lines are very low.
5. Base your Report Design on Montego colours that you can find publicly on the internet. User your own design methodology, layout, templates, colour schemes etc.
6. Build the Power BI Report using your own imagination but it must be able to present Sales Insights, specifically metrics related to:
 1. Invoiced Sales Amount
 2. Invoiced Sales Quantity
 3. Invoiced Sales Volume → in tonnage
 4. Growth % for (a.), and (c.) above, YoY up/down...You will be presenting your Report, and giving us insights on the data you've had to analyse as well as ask us questions on the data...in essence telling us a story through your Report!
7. Extra points for:
 1. RLS (Row-Level-Security) – sheet in workbook with mapping.
 2. Additional attribute implemented called: "Customer Recency" with logic rules:

If Customer Account was opened in last 24 months and Customer bought anything in last 3 months – “New Customer – with purchases”

If Customer Account was opened in last 24 months and Customer has NOT bought anything in last 3 months – “New Customer – with no recent purchases”

If Customer Account was opened longer ago than 2 years – and Customer bought anything in the last 3 months – “Established Customer – with purchases”

If Customer Account was opened longer ago than 2 years – and Customer NOT bought anything in the last 3 months – “Established Customer – with no recent purchases”

8. You will be evaluated in areas of: Data Modelling, Visual Design, Analytical Skills, Story-Telling and Innovation.

Please let me know if you have any questions in the meantime. Looking forward to meeting you again on Tuesday the 12th of March 2024...next week, online via Teams.

Have a great weekend and week ahead.

Thanks and regards,