MarshMcLennan

FP&A Developer, Assessment Statement

Assessment goal

This assessment reflects the daily functions of a regional FP&A developer; therefore, we invite you to put your best effort on the skills we evaluate:

Technical skills:

- Excel expertise,

- Data collection and validation,

- Information and insights generation,

- Strategic decision-making,

- Financial acumen and accuracy.

Statement

You are a consultant hired by the president of Marsh Latin America, to support the regional FP&A team to make a rigorous analysis of the financial situation.

Test

Prepare the following deliverables:

1. Excel file with the analysis: graphs, tables, pivots - readable for the FP&A regional partners.

> **Should also include:**

> ▪ Total transactions per client, per currency.

> ▪ Totals by client, in USD.

2. Excel file filtered for the Latin American leaders with:

> o Only the transactions on Latin American countries.

o A list of all clients that had transactions with Rusia, Cuba, China or Venezuela for the last quarter of 2024.

3. Executive Deck (power point) to be presented in under 10 minutes in front of the president and his steering committee. The presentation should contain original insights into the data, but should also answer (with explanations) the following questions:

o Given that the starting digit of each client represents their Market Section, are there differences on the revenue expected by section?

o Is revenue affected by geography?

4. GUI application that allows a user to select a folder for a different year and generate the first report.

Guidelines

- You may use any software or tool of your liking, but Python, Go and VBA are highly encouraged.

- Code must be sent either by mail or posted on a Github Repository. Expect questions regarding the structure of your code.

- The presentation and supporting material must be carried out in English.

- Feel free to use any LLM or AI tools to help you, but be aware that you might be requested to explain parts of your code.

- You have 2 hours to develop a solution for points 1 & 2. After this time lapse, please join the Zoom session checkpoint to show progress and answer specific questions about the case. After the Zoom session, you have a max of 7 days to present a final solution for points 1 & 2. Points 3 & 4 are expected to be displayed in your next interview.

Inputs

Financial Statements:

In the file you will find the company's sorted revenue records organized with the following format:

Clien	Country	Curren	Transaction
2 DIKK3	MOROCCO	IRR	382.680.722.385,55
3 AABK1	GAMBIA	IRR	304.257.202.855,94
4 K1113	UGANDA	IDR	141.519.547.454,43
5 CFHJb	MOZAMBIQUE	STD	125.914.107.100,73
6 HILVY	NIGERIA	PYG	65.352.667.529,48
7 FKLMM	DOMINICA	MGA	39.689.010.704,42
8 DIIKM	PARAGUAY	PYG	35.476.732.815,65
9 K1113	JORDAN	PYG	33.924.935.289,04
10 DHKb1	FRENCH POLYNESIA	PYG	33.725.805.291,92
11 CFHJb	KAZAKHSTAN	SLL	28.249.656.295,22
12 FKLMM	NIGERIA	MGA	27.399.676.277,62
13 BGJJX	MACAU	TZS	22.841.077.292,10
14 CDHJJ	SUDAN	COP	20.936.325.000,00
15 CDHJJ	GUYANA	GNF	20.404.865.800,87
16 CEEFa	NEPAL	BIF	18.900.367.919,10
17 DDGNX	SRI LANKA	VND	16.958.505.090,64
18 LXZZZ	COSTA RICA	GNF	14.971.636.363,64
19 HILVY	NORWAY	KHR	12.637.693.104,16
20 HILVY	TURKEY	KRW	12.516.316.352,94
21 DIIKM	COLOMBIA	COP	11.096.540.000,00
22 FKLMM	PAKISTAN	MWK	9.737.521.807,84
23 DDGNX	EL SALVADOR	UGX	9.338.906.776,49
24 LXZZZ	SWITZERLAND	RWF	9.286.267.803,25
25 CEEFa	YEMEN	CLP	8.126.240.939,36
26 IMVXa	TRINIDAD AND TOBAGO	COP	6.861.770.000,00

Makes you stand out

• Include a GUI section that allows the user to active a Selenium robot to search a client name.

• Auto generate any pivot table you might need, using OpenPyxl or win32com

• Generate a log file of important steps in the process, and in the event of an error, debugging information.

• Explain a problem that you found while developing a solution and how you manage to solve it.

• Detailed commits and commentaries in a Github Repo.

• While you have 7 days to present your deliverables, faster development will be taken into consideration.

• User friendly options in the GUI for: date filtering, type of report generated, autostart reports option, generate and send email with report attached via Outlook.