

Data & Analytics Probation Task

Dear future EPAMer,

Here is your opportunity to prove your excellence, agility and innovation by delivering the chosen task on time, with brilliant ideas and in good quality in just **7 steps**. The end result is a presentation, no longer than 15 minutes. Be ready for questions and challenges.

1) Choose your approach

- ➔ Take us on a data journey by making up questions (3-5) and answering them by analyzing data

“The real innovation here is that we can ask questions and get the answer back before we have forgotten why we asked the question in the first place.”

OR

- ➔ Make a “Complete Data Discovery” and show us what is in the data

“Enterprise data discovery enables agility and drives innovation through easy access to any type of data, empowering business users to visualize new insights and get fast answers with confidence.”

2) Choose a tool

Tool	Functionalities that should be used	Link to download
Power BI	<ul style="list-style-type: none">• basic filtering• cross-filtering• drill down• map (if possible)	Power BI Desktop: https://aka.ms/pbidesktopstore
Tableau	<ul style="list-style-type: none">• filtering• drill down• variables• map (if possible)	Tableau Desktop: https://www.tableau.com/products/trial
KNIME	Optional (can be used for data preparation) and you will get extra points	https://www.knime.com/downloads
RapidMiner	Optional (can be used for data preparation) and you will get extra points	https://my.rapidminer.com/nexus/account/index.html#downloads

3) Choose a dataset

- ➔ Use any dataset **upon your interest** from Kaggle:
<https://www.kaggle.com/datasets>

OR

- ➔ We are happy to understand your own data & business if you feel more comfortable with that

4) Do the analysis

- ✓ Recommended time investment: 3-4 hours
- ✓ Embed/save all data used into the final report

5) Send us the results in e-mail

- ✓ Report with the analysis done (report file with embedded data)
- ✓ Any additional materials you consider useful for your evaluation

6) Get ready to present your findings

- ✓ Using a data storytelling approach
- ✓ Showing your report, business flow and main benefits

7) Impress us!

- ✓ You will have 15 minutes to present it during the Technical Interview
- ✓ We will ask questions and provide you immediate feedback

We are excited to know you better and appreciate your efforts into this exercise.
We appreciate if you could complete the above in 3 days, but not longer than a week.