

Dear candidate,

We are pleased to inform you that you have successfully moved to the next phase of our Talent

Acquisition process regarding the Machine Learning position.

Please, find below the assessment that is required for this stage:

Task 1. Predict Cars

The [data](https://drive.google.com/file/d/1t8jFyvDkI44pYil-jMEb-JWILnTxpccX/view?usp=sharing) file contains sample data from cars. Your target for this task is to predict the

price. The end deliverable should be a jupyter notebook.

* Clean, describe and visualize the data
* Prepare the data for modelling (train/test, encoders etc)
* Model and evaluate, show metrics and graphs.
* Describe your approach at each step.

Task 2. Deployment

1. Create a simple custom web app for your model using Streamlit or any other library. Show the results of your model, metrics and graphs.
2. Please propose and design a system and its components to deploy this model in production. With schematic representation and written description.

Good Luck!