Final presentation: Dec 16 - 18 (15 points out of 25 points)

* Please, do all attend the presentation, if one person is presenting the rest of the team should support in QA. There is a possibility to present online.
* As intermediate presentations, the final presentation will be held offline (+ over Zoom if necessary) with two practice session leaders grading the presentations.
* You have up to 5 minutes to make the final presentation.
* Add your google slides (and only!) to the corresponding google folder: TBA..
* in the presentation, make sure to introduce your team and project owner (if applicable);
* **briefly remind us of the problem you are trying to solve (say why it needs to be solved);**
  + Plants in remote areas - expensive to monitor on-site
    - What we tried - K-means, Agglomerative, DBScan
    - Final approach with K-Means
      * train/test split (0.75-0.25)
      * Fitted two algorithms - one for each plant
      * Predicted labels for test data
      * Silhouette scores
  + Need to predict the power plant outcome - why?
    - What we tried - LR, LSTM, XGBoost
    - XGBoost - more detailed description
* **explain what was your approach to the problem (your methods);**
  + Subtasks and spread the subtasks among team members
    - Understanding the data (what we have)
    - Feature selection and engineering
    - Clustering for faulty detection
    - Linear regression and LSTM for DC-power prediction
    - …
* **detail results you have obtained and how they match the initial expectations;**
  + Clustering -
  + Predicting -
* **Please specify who in your team is responsible for which part of the work.**
  + Predicting - Gustav
  + Clustering - Lauri and Martin
  + Understanding the data - Martin, Lauri, Gustav
  + Presentations - Martin, Lauri, Gustav
* **Lastly, describe a few lessons you learned while working on the project.**
  + The biggest challenge is to understand the data