## Group Assignment Instructions

### “Building the Data Visualization for Company XYZ”

**Weight:** 40% of final grade (with peer assessment component)

**Pre-steps:** each team should decide the department of a company and should find relevant data to analyze.

**Due date:** Last Monday of the term. Only one member from each team will upload the assignment. However, the final document should contain the express agreement of all team members (use the appended template).

**Requirements:**

**Report**

* ~4,500 words describing the data, process/steps followed to analyze and detailed insights and recommendations
* ***Title page*** with the course title and code, students’ names and codes, day/month/year of submission deadline, title of assignment, and word count.

*Note: list of references, abstract and or executive summary, appendices and references are excluded from the word count).*

* Document ***format*** should be restricted to Microsoft Word document. No other document formats are acceptable. Complementary documents (e.g. excel worksheets) are uploaded separately.
* In-text citations and reference of sources is absolutely obligatory.
* The final document should contain the appended template the express agreement of all team members (use the appended template).

**PowerBI**

* PowerBI dashboard which will present the key findings of your analysis (4-5 pages)
* There need to be a logical flow from page to page which needs to be presented as well
* It’s expected to prepare a two variables analysis (regressions or correlation) and present the relevant results in the dashboard. Would be important if calculations will be included it he PowerBI and the detailed steps in the Report
* It’s not expected to prepare any other data analysis (forecasting, k-means, etc.). If so it’s expected that you will defend the results and the approach.
* It’s expected that the dashboard will be dynamic
* It’s expected that key insights and recommendation could be derived by the dashboard; detailed explanation is expected in the Report
* It’s expected to prepare a separate dashboard with 1 page which will be the c-level summary (can be within the same dashboards at the end with a Page name as C-Level).
* All PowerBI work is expected to be submitted along with the Report.

**General**

* For the purpose of the assignment, you are expected to decide the department of the organization you belong to (e.g. Finance, HR, Procurement, Marketing, Sales etc.)
* The data will be confirmed with your instructor by Monday 4th of March the latest. If you are struggling to find data you may ask for data by Monday 26th of February.
* It’s expected that you will create additional columns and measures in your dataset. The calculations are expected to be part of the PowerBI and the detailed process to part of the Report.

Appendix

*This form should be filled out by all team members after the completion of the group assignment. The team leader should be chosen upon agreement and is responsible to upload the group assignment after its completion and deal with any technical and other issues that might arise during the submission process.*

Team Leader name:

Team Leader ID:

Team member name:

Team member ID:

***I herewith express my agreement with the submission of this final version of the group project by the team leader.***

Date:

Team member Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Team member name:

Team member ID:

***I herewith express my agreement with the submission of this final version of the group project by the team leader.***

Date:

Team member Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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