

Executive Summary

Team 5 Safran

Project Objective:

To develop a governance model for deploying a business intelligence software (PowerBI) at Safran.

Problems faced:

- No consistent methodology to access data across departments.
- No standard template for generated reports at the company.
- High degree of data manipulation by employees while generating reports.
- Repetition of data cleaning procedure for every report.

Approach:

- Sent out a questionnaire to employees from different departments and positions.
- Analyzed the company's scorecard for the current quarter.
- Carried out a WebEx session to view the user interface of the employees at Safran.
- Arranged periodic meetings with IT department to discuss the progress of the BI implementation.

Findings:

- Lack of standard procedure for acquiring data and generating reports.
- Employees are facing difficulties with processing data for their reports.
- Employees lack trust in the company's current practices to analyze existing data.
- Managers are having a hard time validating data sources and comprehend reports.
- Managers are seeking to control employee file access permissions more effectively.
- Most of the time spent during executive meetings go into analyzing data than the plan of action.

Proposed Solution:

- Provided guidelines to handle data sources.
- Suggested best practices to handle the PowerBI software.
- Proposed a hybrid user model (both centralized and distributed) to regulate the data and reports.
- Provided guidelines to create department templates to maintain uniformity in reports.
- Data preprocessing was automated through the introduction of templates.
- Role based permissions for file access were defined to improve security.
- A trending ABAC approach was suggested to automate file access procedures.
- An executive template was designed to visualize the company's scorecard objectives.
- Defined KPI's to validate the governance model.
- Standardize the governance model through integration with the company's One Safran initiative.