

Project plan: Data Maturity

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2 BACKGROUND INFORMATION

Agiliz is an IT consultancy company that specializes in data-driven solutions to enhance business impact. It is part of **Solification Group**, which in turn is a member of the. This setup indicates that Agiliz benefits from being part of a larger network of companies, gaining access to a wide range of resources, expertise, and innovation. The Cronos Group is known for fostering an ecosystem of technology-driven companies, each focusing on specific domains. Within this ecosystem, Agiliz focuses on utilizing data analytics, business intelligence, and data strategy to empower businesses to make informed decisions and achieve their objectives efficiently.



3 ASSIGNMENT

3.1 Reason

Our project, named "Data Maturity," aims to help companies assess their data management capabilities through a structured questionnaire covering areas such as data journey, empowerment, data culture, data activation, and data governance. Participants submit their responses via Google Forms, which are then processed through a Google Cloud pipeline and showcased in Dashboard to visualize the results. the primary obstacle here is the efficient cleaning and real-time processing of questionnaire data. This ensures that actionable insights are immediately available upon submission.

3.2 Objectives

Real-time Data Processing: Establish a system where questionnaire responses submitted via Google Forms are instantly processed. This includes setting up triggers in Google Cloud to initiate the data pipeline as soon as responses are received.

Data Cleaning and Preparation: Automate the cleaning of incoming data to remove inconsistencies and format the data correctly for analysis. This involves setting rules for handling missing values, standardizing response formats, and ensuring data uniformity.

Dynamic Dashboard Creation: Utilize Looker to develop dynamic dashboards that update in real time as new responses are submitted. These dashboards will visually represent the company's data maturity levels across different dimensions, highlighting areas of strength and those requiring improvement.

User Experience Optimization: Ensure that the questionnaire is user-friendly and that the dashboard interface is intuitive.

3.3 Business case

By automating the process from questionnaire submission to insight generation, the "Data Maturity" project significantly reduces the time and effort required to assess and improve data management practices. This real-time analysis and reporting enable companies to quickly identify gaps in their data management capabilities and take actionable steps to address them.

Implementing the project's findings can lead to more efficient data use, better decision-making, and, ultimately, a competitive advantage in the marketplace. For the IT department and stakeholders, the project facilitates a data-driven culture that aligns with strategic business objectives.

In summary, "Data Maturity" offers a scalable, efficient, and user-friendly solution for companies seeking to enhance their data management practices. By providing immediate feedback and actionable insights, it encourages continuous improvement and helps build a robust data governance framework.

4 Communication

Daily Meetings: Engage in daily meetings with my mentor and my project partner, either on-site or via Teams, to discuss progress, address any challenges, and seek guidance.

Regular Follow-ups: Benefit from almost daily follow-ups by the project manager. These interactions provide additional oversight, support, and direction to ensure the project stays on track and aligns with broader organizational goals.

Progress Meetings: Organize progress meetings after completing significant milestones within the project. These sessions, attended by the mentor, project manager, and the company managing partners, serve as a platform to showcase achievements, and collaboratively decide on next steps.

