**Project Name: Cloud Adoption Framework/Cloud Industrialization**

**Introduction:**

The goal of the Cloud Industrialization projects is to give overview how the cloud is changing the IT, business strategy and how it is transforming business operations by providing cost-effective solutions, scalability, enhanced collaboration,

**Background Problem:** The traditional challenges and complexities of on Prem and how it is impacting on business.

**Objectives of the Project:** To develop a comprehensive framework that streamlines cloud adoption, reduces costs, maximizes the benefits of cloud technology and cloud principles for cloud Adoption.

**Research Questions:**

\* What is the impact of cloud adoption on the IT industry and what are the projections?

\* What strategies can help organizations overcome common hurdles in cloud adoption?

\* How can cloud technologies be harnessed for increased competitiveness and innovation?

**Potential Contributions:** This project's outcome will provide organizations with a proven roadmap for successful cloud adoption, offering insights into best practices, strategies, and tools to maximize cloud benefits while minimizing risks and costs.

**Theoretical Background/ Framework/ Related Studies:**

The project's theoretical foundation and related studies provide essential context and motivation for the research questions. It includes an in-depth analysis of existing knowledge in:

**Cloud Technology:** AWS

**Cloud Adoption Challenges:** Lack of required skills among the employees, migration complexity, overcoming the issues related to data security and compliance.

**Best Practices and Frameworks:** Implementing strategies such as the Well-Architected Framework, DevOps methodologies, and security practices to optimize the utilization of Amazon Web Services.

**Appendix A:**

This section includes key project documents and information:

**Scope Statement:** The scope of the Cloud Adoption Framework project encompasses the development of a comprehensive methodology and set of best practices for organizations to efficiently and effectively migrate their IT infrastructure and applications to cloud environments, optimizing cost savings and performance improvements while minimizing potential risk.

**Stakeholder Register:** Project has stakeholders such as project sponsor, project manager, IT department, cloud service providers and security team etc.,

**Business Requirements:** To migrate the on-premises data to cloud, optimize cost savings and enhance IT performance while aligning with organizational goals.

**Technical Requirements (if applicable):** Ensure compatibility with legacy systems, establish data security measures, and meet performance benchmarks for the cloud adoption framework."

**Work Breakdown Structure (WBS):** Decompose the project into tasks such as research, framework development, testing, documentation, and stakeholder engagement, ensuring a clear project roadmap."