**Project Name: Insights360 Chatbot POC**

Objective: Develop a prototype chatbot showcasing the core features and key differentiators of Insights360.

Components:

**Chatbot Interface:** Design and develop a user-friendly chat interface where users can interact with the Insights360 chatbot.

**Permissions and Security Module POC:**

Implement basic user authentication.

Simulate data masking and sensitive information handling.

**Data Access Module POC:**

Connect to a sample database (e.g., SQLite) and cloud storage (e.g., Google Drive).

Demonstrate data ingestion capabilities for structured and unstructured data.

**Semantic Layer Generation Module POC:**

Generate a basic semantic layer over the sample data.

Showcase how the chatbot interprets relationships and entities within the data.

**Data Crawling and Integration Module POC:**

Simulate AI-driven data crawling and integration from multiple sources.

Display integrated data to show breaking down of data silos.

**Analysis and Insights Generation Module POC:**

Utilize pre-trained machine learning models or algorithms to extract basic patterns from sample data.

Generate simple business insights based on the extracted patterns.

**Insights Summarization and Ranking Module POC:**

Summarize the generated insights into brief summaries.

Rank the insights based on predefined criteria (e.g., relevance).

**Natural Language Processing (NLP) Query Module POC:**

Implement basic NLP functionality to understand and respond to user queries.

Showcase how users can interact with the chatbot using natural language.

**User Interface (UI) and Visualization Module POC:**

Design interactive dashboards with basic data visualizations.

Allow users to customize the dashboards based on their preferences.

**Feedback and Continuous Learning Module POC:**

Incorporate a simple feedback mechanism for users to provide input.

Demonstrate how user feedback influences the chatbot's performance over time.

**Integration and API Management Module POC:**

Provide basic APIs for integrating the chatbot with other applications.

Show examples of how Insights360 capabilities can be embedded into external systems.