EXAMPLE SCENARIO 1:

DESCRIPTION:

As an individual we have monthly expenses that we unknowingly spent from our earnings, if myself or any person wants to keep track of all expenditure, we made in order to do saving, we can monitor and minimize unwanted expenses which are not much required. For doing so we can create a portfolio dashboard application with help of data processing and analytics

PLAN:

I want to effectively track and manage my expenses to gain insights into my spending habits, identify areas of improvement, and optimize my budget.

PREPARE:

I'll gather information about my income sources, recurring expenses, and financial goals, also will determine the categories I want to track, such as groceries, transportation, entertainment, and utilities.

PROCESS:

I'll enter my expenses into the expense tracker application. The application collects and processes this data, along with additional information like transaction dates, payment methods, and vendor details.

ANALYZE:

The expense tracker application utilizes data analytics techniques to analyze my spending patterns. It categorizes my expenses, calculates total expenditures, and identifies trends and patterns in my spending behaviour.

SHARE:

The expense tracker application presents the analyzed data in a visual format, such as charts, graphs, or reports. It shares insights about my spending habits, highlights areas where you are overspending, and offers suggestions for budget optimization.

ACT:

Based on the insights and recommendations provided by the expense tracker application, I can take actions to better manage my expenses. Additionally, we can monitor my progress over time and track improvements in my financial habits.

EXAMPLE SCENARIO 2:

DESCRIPTION:

As an Analyst for a Indian cricket team, my job is to analyze cricket matches, to provide pre-insights or forecast for a match so it can help cricket team to plan their playing strategies against team, I can use data processing and analytics to achieve my work much efficiently.

PLAN:

My goal is to extract valuable insights and trends from the match data to understand the performance of the teams and players involved.

PREPARE:

I'll gather data about the match, including player statistics, team rankings, pitch conditions, weather forecasts, and historical performance data. will also consider factors such as the format of the match (Test, One-Day International, or Twenty20) team strengths and recent form.

PROCESS:

I'll input the collected data into a cricket match analytics system. This system utilizes data processing techniques to organize, clean, and integrate the data for further analysis. It may involve tasks such as data normalization, data transformation, and data merging.

ANALYZE:

The cricket match analytics system applies various data analytics methods to analyze the collected data. It employs statistical analysis, data mining, and machine learning algorithms to uncover patterns, correlations, and insights. we can examine factors like batting averages, bowling economy rates, player performance in specific conditions, and team strategies.

SHARE:

The cricket match analytics system presents the analyzed results in a visual format, such as graphs, charts, and dashboards. It allows us to share the insights with coaches, players, commentators, and fans. The visualizations can highlight key performance metrics, player comparisons, and match trends.

ACT:

Based on the analysis and insights gained, teams can devise strategies, make informed decisions, and adjust their game plans. Coaches may identify weak areas that need improvement, select the right playing XI, or make tactical changes during the match. Fans can gain a deeper understanding of the match and engage in discussions and predictions.