

Procurement Planning System (PPS)

About:

CogniTensor's Procurement Planning System (PPS) is a combination of correlation analytics and prediction dashboards that are specially designed to assist you in making data driven decisions for choosing the best supplier based on past performance and forecast analysis.

It enables you to pre plan the procurement cycle in accordance with available resources in order to meet upcoming deadlines on the basis of actionable insights and predictions. These objectives range from optimised management of resources to making necessary product allocations in accordance with predicted demand. We enable you to achieve these objectives with a combination of advanced data analytics and data-driven forecasting, in order to provide you with actionable insights.

The predictive analytics use bespoke combinations of cutting-edge machine learning and deep learning models, backed by advanced research. These algorithms have been tailored specifically to handle the complex data coming from manufacturing industries and organisations that deal with multiple warehouses, factories, suppliers, online platforms and various other sources. The entire system is developed on a state of the art platform, backed by open source technologies.

Each component is highly customizable in terms of data and other relevant specifications in order to cater to your needs in today's dynamic business environment.

After the successful deployment of the solution, we will continue to improve and tweak the components of your dashboard, both from the front-end as well as the back-end, readily accommodating any customisation request that may arise in between. The result will be a robust AI powered dashboard, with the help of which you can track all your KPI metrics and gather powerful insights in order to make data-driven decisions for all business related operations.

Features and Capabilities:

System provides **Suppliers analysis** based upon:

- **Order-wise recommendations** on best Supplier for placing the next order keeping timeliness, quality and price in consideration
- **Delivery analytics** for entire procurement process

- **Grading Analysis** on Suppliers
- **Self-learning** predictive models that adapt to your needs, constantly evolving to deliver superior performance
- **Easy integration support** with databases management systems such as Oracle, Postgres, etc.
- **Round the clock monitoring** via an intuitive web app and on-the-go tracking through a dedicated mobile app