
DiLytics Procurement Insight Solution:

Overview

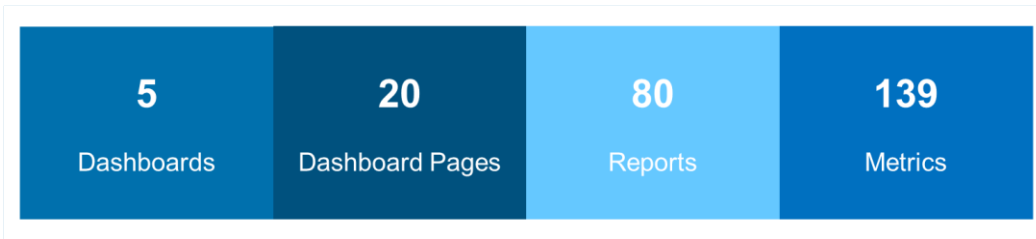
Table of Contents

1	Introduction.....	3
2	High Level Architecture.....	5
3	Subject Area: Purchase Requisition	6
3.1	Description.....	6
3.2	Logical Model.....	6
3.3	Reports	7
4	Subject Area: Purchase Orders	11
4.1	Description.....	11
4.2	Logical Model.....	11
4.3	Reports	12
5	Subject Area: Purchase Schedules	15
5.1	Description.....	15
5.2	Logical Model.....	15
5.3	Reports	16
6	Subject Area: Procurement Performance	20
6.1	Description.....	20
6.2	Logical Model.....	20
6.3	Reports	21
7	Subject Area: Savings Potential	26
7.1	Description.....	26
7.2	Logical Model.....	26
7.3	Reports	27

1 Introduction

DiLytics Procurement Insight Solution is a pre-built analytics solution that provides procurement teams with real-time visibility, data-driven insights, and performance tracking to streamline procurement processes. It enables organizations to enhance supplier management, optimize cost savings, and improve operational efficiency by leveraging advanced analytics and procurement intelligence.

DiLytics Procurement Insight Solution comes with:



DiLytics Procurement Insight Solution aims to address the following key challenges faced by Procurement teams:

- Difficulty in tracking vital procurement metrics such as requisition trends, approval rates, purchase order (PO) cycles, and cost savings opportunities.
- Lack of real-time visibility into purchase requisitions, purchase orders, supplier performance, and procurement spending, leading to inefficiencies in decision-making.
- Challenges in supplier selection and vendor management due to limited insights into supplier reliability, pricing trends, and fulfillment performance.
- Long and complex approval cycles causing delays in purchase order processing and procurement workflows.
- Inconsistent tracking of procurement schedules and deliveries, making it difficult to ensure timely receipt of goods and services.
- Missed cost-saving opportunities due to a lack of comparative analysis between actual purchase prices and the lowest available prices.
- Inefficiencies in financial tracking related to invoice processing, payments, and procurement budget alignment.

The **DiLytics Procurement Insight Solution**, recognized by industry leaders **Oracle Corporation** and **Microsoft Corporation**, is a trusted choice for organizations. Available on Oracle Cloud Marketplace, Microsoft AppSource, and Azure Marketplace, it ensures compatibility with leading platforms, reinforcing its reliability and ease of integration and is available on:

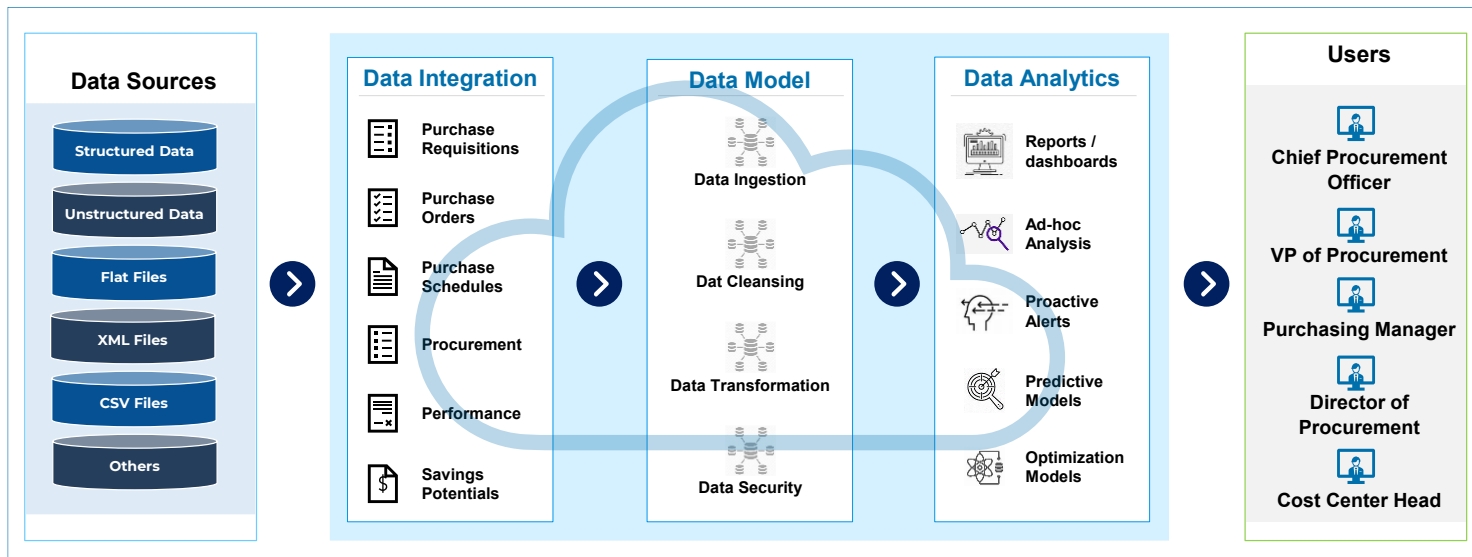
- Oracle Cloud Marketplace: https://cloudmarketplace.oracle.com/marketplace/en_US/adf.taskflow?tabName=O&adf.tfDoc=%2FWEB-INF%2Ftaskflow%2Fadhtf.xml&application_id=3545219&adf.tfId=adhtf
- Microsoft AppSource: <https://appsource.microsoft.com/en-us/product/power-bi/dilytics.dilyticsprocurementinsights>
- Microsoft Azure Marketplace: [All products – Microsoft Azure Marketplace](#)

DiLytics Procurement Insight Solution provides extensive pre-built content in the following subject areas:



2 High Level Architecture

The high-level architecture of the DiLytics Procurement Insight Solution integrates seamlessly with any existing technology stack. It is designed with flexibility, scalability, and robustness, ensuring that the solution can be configured to meet unique requirements. The architecture schematic below illustrates the key layers and components:



DiLytics Procurement Insight Solution can be enabled on a variety of technology/tools across the various layers of the solution architecture depicted above. The choice of specific technology tool for each layer of the solution is made based on specific customer's requirements typically guided by their current technology investments and future technology preference.

3 Subject Area: Purchase Requisition

3.1 Description

This subject area is used to report procurement and requisition information. It provides details about purchase requisitions, purchase orders, suppliers, buyers, approval status, and financial metrics. Key metrics such as requisition count, approval rates, purchase order amounts, vendor performance, and procurement trends can be analyzed by organization, department, supplier, and time period. This subject area includes both historical and current procurement data to provide insights into purchasing efficiency and supplier relationships.

Commented [KB1]: Need to check Alternative

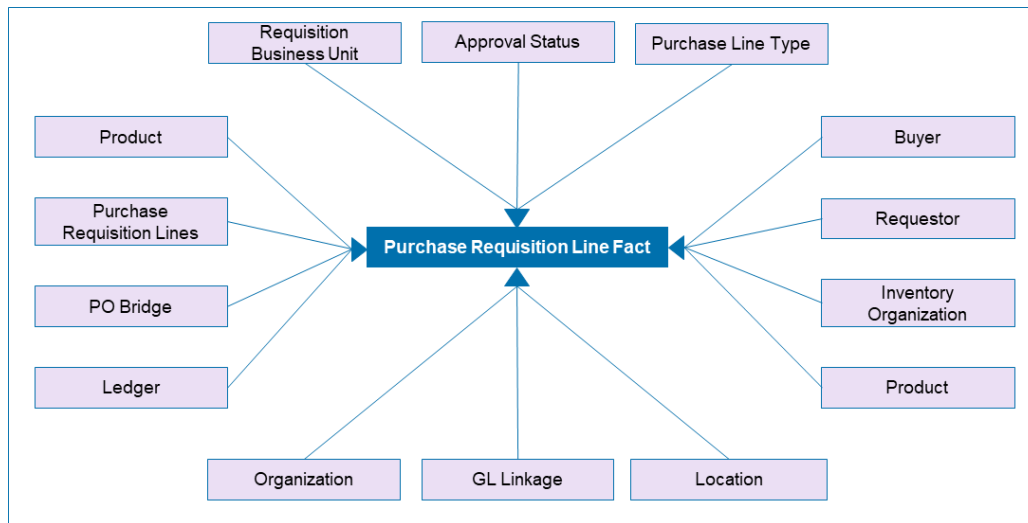
Some of the important questions that this subject area answers are:

- How many purchase requisitions are being raised and approved?
- What is the total monetary value of all purchase requisitions?
- How is procurement spending distributed across different suppliers and vendors?
- What are the trends in requisition approvals and rejections over time?
- Are there inefficiencies in the requisition or approval process?
- How long does it take for purchase orders to be approved and processed?
- Which suppliers contribute the most to procurement volumes and costs?
- Are there potential cost-saving opportunities based on supplier price comparisons?

Commented [KB2]: Need to move in PO

3.2 Logical Model

A logical model of this subject area is provided in the schematic below:



3.3 Reports

The reports that are available out-of-the-box in DiLytics Procurement Insight solution in the functional area of 'Headcount' are provided below:

S. No.	Report Name	Description	Key Questions Answered
1.	Requisitions KPIs	These KPIs track the total number and value of purchase requisitions, highlighting how many have been approved and their corresponding financial amounts.	<ul style="list-style-type: none"> How many purchase requisitions are being raised? How many requisitions are successfully approved? What is the total monetary value of all purchase requisitions? How much of the requested amount has been approved?
2.	Requisition Count By Status	This chart displays the proportion of purchase requisitions that were pre-approved, rejected, or returned within the organization.	<ul style="list-style-type: none"> How many requisitions are in each status (Pre-approved, Rejected, Returned)? What proportion of requisitions are moving forward (Pre-approved) versus being rejected or returned? Is there a significant volume of rejected or returned requisitions indicating potential process issues? Are more requisitions being rejected or returned compared to those being pre-approved? Is a high rejection or return rate indicating inefficiencies in the requisition process?
3.	Requisition Amount By Status	This chart shows the distribution of total requisition value across different approval statuses, highlighting that most requisitions are approved.	<ul style="list-style-type: none"> What is the total monetary value of requisitions in each status (Approved, Pre-approved, Rejected, Returned)? How much value is pending (Pre-approved) versus being rejected or returned? What is the financial value of rejected and returned requisitions? Is there a large portion of the requisition amount stuck in Pre-approved or Returned status? Are there specific statuses where high-value requisitions are being held up?

S. No.	Report Name	Description	Key Questions Answered
4.	Requisition Count Trend	This chart displays the Requisition Count Trend over time, highlighting a significant peak in 2021. It shows a sharp decline in requisition counts in the years following 2021.	<ul style="list-style-type: none"> How has the number of requisitions changed over the years? What are the peak years for requisition activity? Is there a significant drop or spike in requisition counts in recent years? Are there specific years where procurement activity was unusually high or low?
5.	Requisition Amount Trend	This chart displays the Requisition Amount Trend, with a notable peak in 2020. It illustrates the fluctuation of requisition amounts over the years, showing a decrease after 2020.	<ul style="list-style-type: none"> What is the yearly trend of purchase requisition amounts? Is procurement spending increasing or decreasing over time? Are there specific years where procurement spending peaked or dropped significantly? How does the current year's requisition amount compare to previous years? Are there any patterns in purchase requisitions that indicate changes in procurement processes? Is the declining trend in recent years due to policy changes, supply chain issues, or cost-cutting measures? Which departments or categories are driving changes in requisition amounts? Are there specific areas where procurement costs can be optimized?
6.	No.of Requisitions by Supplier	This chart displays the No. of Requisitions by Supplier, with the size of each box representing the requisition count for that supplier. It allows for a quick visual comparison of the volume of requisitions across different suppliers.	<ul style="list-style-type: none"> Which suppliers are receiving the most purchase requisitions? What is the distribution of purchase requisitions across different suppliers? Who are the most and least engaged suppliers? Is there a dependency on specific suppliers? How does each supplier contribute to the total purchase

S. No.	Report Name	Description	Key Questions Answered
			requisition volume?
7.	Requisition Amount by Supplier	This chart displays the Requisition Amount by Supplier, showing the trend of spending for each vendor. It allows for comparison of requisition amounts across different suppliers.	<ul style="list-style-type: none"> Which supplier has the highest and lowest total requisition amounts? How is the requisition amount distributed across key suppliers? Which suppliers are driving procurement costs? Is the spending evenly distributed among suppliers?
8.	Approved Requisition by Vendor	This table displays Approved Requisitions by Vendor for the first quarter of 2023, listing the supplier, number of approved requisitions, and the amount approved. It provides a detailed breakdown of requisition activity for each vendor during that period.	<ul style="list-style-type: none"> How many requisitions have been approved over time for each supplier? What is the approved quantity per supplier and quarter? Is there a seasonal or quarterly trend in approved requisitions? Which quarters had the highest or lowest approval activity? Is there a growing or declining trend in requisition approvals? Which supplier consistently receives the highest number of approved requisitions?
9.	Approved Requisition by Vendor Quantity Approved	The combined chart displays the Approved Requisition Amount by Vendor and the Number of Approved Requisitions over time. It shows both the monetary value and the count of approved requisitions for each quarter.	<ul style="list-style-type: none"> How many requisitions have been approved per quarter? Are there trends in approved requisition amounts and counts over different time periods?
10.	Requisition Details	The table displays Requisition Details, including purchase requisition number, product, supplier, buyer, requisition submit date, approval status, quantity, and amount. It shows a comprehensive record of each	<ul style="list-style-type: none"> What are the key details of each purchase requisition, including product, supplier, buyer, and approval status? How many requisitions have been submitted, and how many have been approved? What are the quantities and financial values associated

S. No.	Report Name	Description	Key Questions Answered
		requisition, with associated details and statuses.	with different requisitions?

4 Subject Area: Purchase Orders

4.1 Description

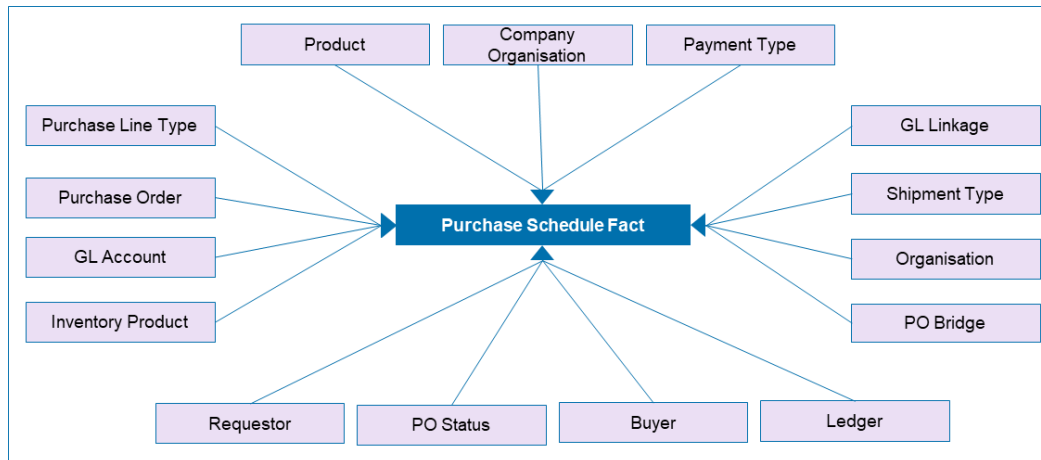
This subject area is used to report procurement and purchase order information. It provides details about purchase orders, requisitions, suppliers, financial transactions, and approval statuses. Important metrics such as total purchase order value, approval rates, supplier performance, and procurement efficiency can be analyzed by organization, department, supplier, and time period. This subject area includes both historical and current procurement data to provide insights into purchasing trends and supplier reliability.

Some of the important questions that this subject area answers are:

- How many purchase orders have been created and approved?
- What is the total financial value of purchase orders?
- How are purchase orders distributed across different approval statuses?
- Which suppliers receive the highest number of purchase orders and purchase order amounts?
- What is the financial breakdown of purchase orders across different suppliers?
- Are there trends in procurement spending overtime?
- How efficiently are suppliers fulfilling purchase orders?
- Are there any bottlenecks or inefficiencies in the procurement cycle?
- What are the pricing variations among suppliers for the same products?
- Are there financial discrepancies in procurement transactions?

4.2 Logical Model

A logical model of this subject area is provided in the schematic below:



4.3 Reports

The reports that are available out-of-the-box in DiLytics Procurement Insight solution in the functional area of 'Absence' are described below:

S. No.	Report Name	Description	Key Question Answered
1.	Purchase Orders – KPI's	These KPIs track the total number and financial value of purchase orders, highlighting approved purchase orders, their total amounts, and the portions that have been financed and recouped. The breakdown of purchase orders and their statuses provides insights into procurement efficiency and financial distribution.	<ul style="list-style-type: none"> How many purchase orders have been created and approved? What is the total financial value of purchase orders? How much of the total PO amount has been financed and recouped? What insights can be drawn about procurement efficiency and financial distribution?
2.	PO Count By Status	This chart displays the PO Count By Status, showing the percentage breakdown of each status category. It provides a visual overview of the distribution of purchase orders across different approval states.	<ul style="list-style-type: none"> What is the distribution of purchase orders across different approval statuses? What percentage of purchase orders fall into each status category (e.g., approved, pending, rejected)? Are there any trends or bottlenecks in the approval process based on status distribution?
3.	PO Amount By Status	This chart displays the PO Amount By Status, showing the percentage and dollar amount breakdown for each category. It provides a visual representation of the financial distribution of purchase orders across different approval statuses.	<ul style="list-style-type: none"> What is the financial distribution of purchase orders across different approval statuses? How much money is allocated to each PO status category? Are there significant financial variations across different approval statuses?
4.	PO Count Trend	The chart displays the PO Count Trend, comparing the total number of purchase orders with the number of approved purchase orders over time. It shows the yearly trend and the proportion of approved orders relative to the total.	<ul style="list-style-type: none"> How has the total number of purchase orders (POs) changed over the years? How has the number of approved purchase orders changed over time? What is the ratio of approved POs to total POs each year? Are approvals increasing or decreasing compared to the total POs? Is there a correlation between the total number of

S. No.	Report Name	Description	Key Question Answered
			POs and approved POs? <ul style="list-style-type: none"> Which year had the highest and lowest number of POs and approvals? Are there any significant deviations or trends that need further investigation?
5.	PO Amount Trend	The chart displays the PO Amount Trend, comparing the total PO Amount with the PO Amount Approved over time. It visualizes the yearly trend and the proportion of approved purchase order amounts relative to the total.	<ul style="list-style-type: none"> How has the total purchase order amount changed over time? How has the approved PO amount changed over the years? What is the ratio of approved PO amount to total PO amount each year? Are approvals keeping up with the total PO amount? Which year had the highest and lowest PO amounts? What is the overall trend in procurement spending and approvals? Are there any significant drops or spikes that need investigation?
6.	No.of Purchase Orders by Supplier	This chart displays the Number of Purchase Orders by Supplier, showing the count of purchase orders for each vendor. It allows for comparison of purchase order volume across different suppliers.	<ul style="list-style-type: none"> How many purchase orders have been placed with each supplier? Which suppliers receive the highest and lowest number of purchase orders? How does purchase order volume vary across different vendors?
7.	PO Amount by Supplier	This chart displays the PO Amount by Supplier, showing the total purchase order amount for each vendor. It allows for a comparison of spending across different suppliers, revealing which vendors receive the largest share of purchase order budgets.	<ul style="list-style-type: none"> What is the total purchase order amount for each supplier? Which suppliers receive the largest share of the purchase order budget? How does spending vary across different suppliers?

S. No.	Report Name	Description	Key Question Answered
8.	PO Details	The table displays PO Details, including Purchase Order Number, Supplier, Purchase Order Date, Organization, Product, Approval Status, Number of Approved Purchase Orders, Number of Purchase Orders, PO Amount, and PO Quantity. It shows a detailed record of purchase orders with associated information such as supplier, date, product, amount, and approval status.	<ul style="list-style-type: none"> What are the key details of each purchase order, including supplier, date, and product? How many purchase orders have been approved, and what is their total value? What are the approval statuses of different purchase orders?
9.	Purchase Schedule – KPI's	These KPIs track the total financial value of purchase orders, highlighting the amounts received, delivered, rejected, and billed. They provide insights into procurement performance, supplier efficiency, and financial reconciliation within the organization.	<ul style="list-style-type: none"> What is the total financial value of purchase orders? How much of the ordered amount has been received, delivered, rejected, and billed? How efficient are suppliers in fulfilling purchase orders? Are there any discrepancies in financial reconciliation?
10.	Procurement Performance – KPI's	These KPIs track the overall procurement performance by measuring the percentage of purchase orders that have been approved, delivered, accepted, rejected, and are still pending. They provide insights into procurement efficiency, supplier reliability, and the effectiveness of order processing within the organization.	<ul style="list-style-type: none"> What percentage of purchase orders have been approved, delivered, accepted, rejected, or are still pending? How efficient is the procurement process within the organization? How reliable are suppliers in terms of order fulfillment? Are there bottlenecks in the procurement cycle?
11.	Supplier Price Performance	The table displays Supplier Price Performance for the year 2018, listing the Supplier Name, Product, and Unit Price. It shows the pricing offered by different suppliers for the same product during that year.	<ul style="list-style-type: none"> What prices did different suppliers offer for the same product in 2018? Which suppliers provided the most competitive pricing? How do unit prices vary across suppliers for different products?

5 Subject Area: Purchase Schedules

5.1 Description

This subject area is used to report procurement performance, requisition approvals, and purchase order processing. It provides details about buyers, organizations, products, and suppliers, capturing key procurement metrics such as approval effectiveness, processing times, financial performance, and order fulfillment.

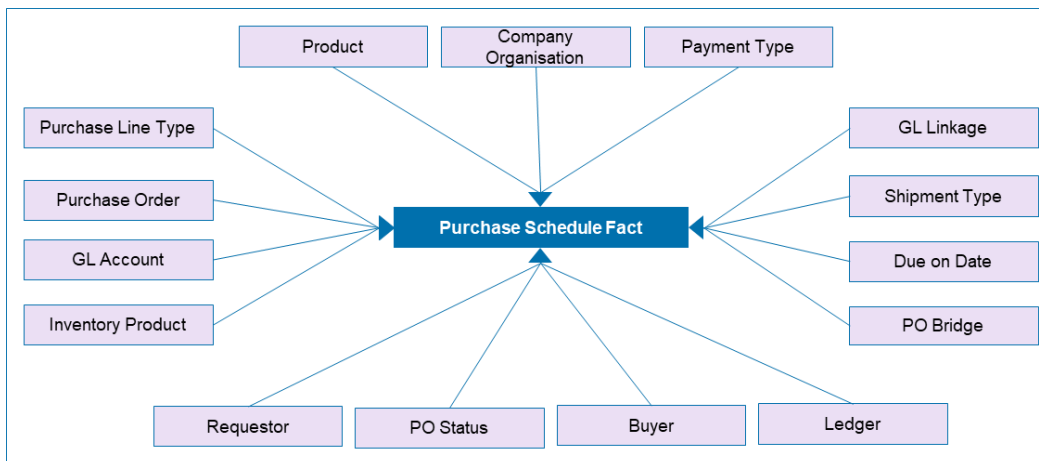
Important metrics such as buyer performance, requisition approval rates, purchase order approval durations, and program financials can be analyzed by organization, department, product, and buyer. This subject area includes both historical and real-time procurement data to help organizations monitor approval efficiency, supplier reliability, and financial distribution.

Some of the important questions that this subject area answers include:

- How effective is the requisition approval process across organizations, buyers, and products?
- Which buyers, organizations, or products experience the highest and lowest approval rates?
- What is the total time taken for purchase orders to be approved and processed?
- How do different buyers compare in terms of approval lead times?
- Are there delays or inefficiencies in the procurement process?
- What are the financial performance metrics for different programs and projects?
- How much has been ordered, delivered, and billed for each program?
- Which organizations or buyers have the most efficient procurement processes?
- Are there noticeable trends in buyer or organizational procurement performance?

5.2 Logical Model

A logical model of this subject area is provided in the schematic below:



5.3 Reports

The reports that are available out-of-the-box in DiLytics Procurement Insight solution in the functional area of 'Time & Labor' are described below:

S. No.	Report Name	Description	Key Questions Answered
1.	Purchase Schedule – KPI's	These KPIs track the total financial value of purchase orders, highlighting the amounts received, delivered, rejected, and billed. They provide insights into procurement performance, supplier efficiency, and financial reconciliation within the organization.	<ul style="list-style-type: none"> What is the total financial value of purchase orders? How much of the ordered amount has been received, delivered, rejected, and billed? How efficient are suppliers in fulfilling purchase orders? Are there any discrepancies in financial reconciliation?
2.	Top 5 Suppliers By PO Amount	This chart displays the Top 5 Suppliers By PO Amount, comparing Received Amount and PO Amount, and also showing the percentage delivered. It highlights the top suppliers based on purchase order amount and their respective delivery performance.	<ul style="list-style-type: none"> Which suppliers have the highest Purchase Order (PO) Amount? How much of the ordered amount has been received from each supplier? What percentage of the ordered goods/services has been successfully delivered by each supplier? Which suppliers are the most consistent in fulfilling orders? (Based on % Delivered) Are there suppliers with a high PO amount but a low delivery percentage? (Potential supply chain risks) Which supplier has the best delivery rate?

S. No.	Report Name	Description	Key Questions Answered
			<ul style="list-style-type: none"> Are there gaps between ordered and received amounts? Which suppliers may need better contract management or follow-ups to improve delivery performance? Is there a pattern where some suppliers consistently fail to meet delivery commitments? How much of the procurement budget is allocated to each supplier? Are suppliers meeting their contractual obligations in terms of delivery?
3.	Top 5 Orgs By PO Amount	This chart displays the Top 5 Orgs By PO Amount, showing the total purchase order amount for each organization. It compares the spending across different organizations, highlighting the top performers in terms of purchase order amounts.	<ul style="list-style-type: none"> Which organizations have the highest purchase order (PO) amounts? Are there significant differences in procurement spending between organizations? How does spending vary across different manufacturing units or departments?
4.	Delivery Quality Trend	This chart displays the Delivery Quality Trend, showing the quantity delivered over the years. It visualizes the yearly trend in delivery quantity, highlighting fluctuations and overall changes.	<ul style="list-style-type: none"> How has the delivered quantity changed over the years? In which years did the highest and lowest quantities get delivered? Are there operational or supply chain issues causing the decline

S. No.	Report Name	Description	Key Questions Answered
			in deliveries?
5.	Delivered Amount Trend	This chart displays the Delivered Amount Trend, comparing Received Amount and Amount Delivered, and also showing the Percentage Delivered over time. It visualizes the yearly trend in received and delivered amounts, along with the changing percentage of deliveries.	<ul style="list-style-type: none"> How has the received amount and delivered amount changed over the years? Which year had the highest received amount? Which year had the highest delivered amount? Is there a significant gap between received and delivered amounts? What is the trend in % Delivered? Which year had the lowest received and delivered amounts? Is there a consistent pattern in the relationship between received and delivered amounts?
6.	Purchase Schedules - Details	This Graph displays PO Delivery Details, including PO Number, PO Line Number, Buyer, Product, Organization, Supplier, PO Quantity, Quantity Received, and Percentage Delivered. It shows detailed information about each purchase order's delivery status, including quantities ordered, received, and the calculated percentage delivered.	<ul style="list-style-type: none"> What is the total Purchase Order (PO) amount? What percentage of the received amount has been successfully delivered? How much amount has been received and delivered? Which suppliers have the highest and lowest delivered percentages? Which suppliers are receiving the most purchase orders? Which buyers are handling the

S. No.	Report Name	Description	Key Questions Answered
			<p>most POs?</p> <ul style="list-style-type: none">▪ Which products are ordered the most?▪ Which products have the highest delivery shortfall?▪ Which organizations are receiving the highest amounts of deliveries?▪ How does delivery performance vary across organizations?

6 Subject Area: Procurement Performance

6.1 Description

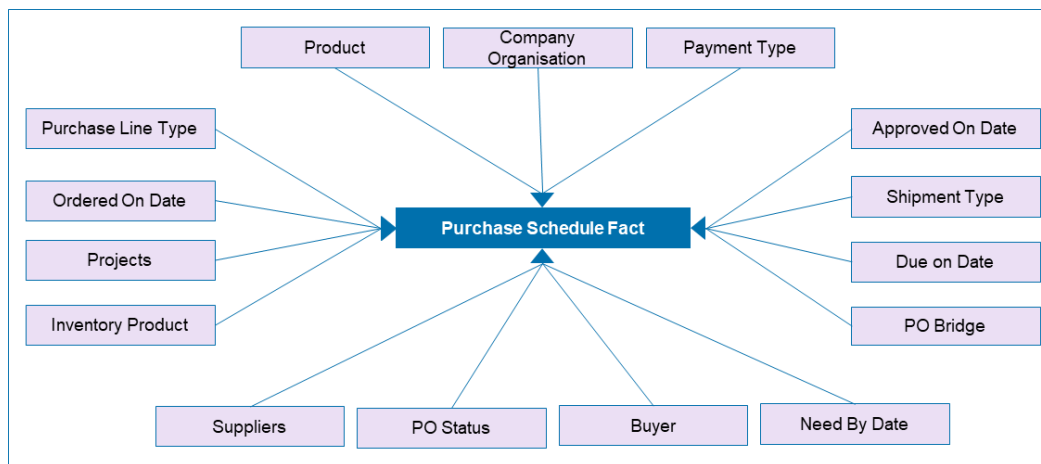
This subject area is used to report procurement performance, purchase order tracking, and cost-saving opportunities. It provides detailed insights into vendor performance, purchase order details, approval timelines, and potential savings at the requisition, PO, and payment levels. Key metrics such as purchase order acceptance and rejection rates, procurement timelines, and cost efficiency can be analyzed by vendor, supplier, buyer, and product category. This subject area includes real-time and historical data to help organizations optimize procurement processes, track vendor reliability, and enhance financial savings.

Some of the important questions that this subject area answers include:

- How do vendors compare in terms of purchase order amounts, acceptance rates, and rejection rates?
- What are the key details of each purchase order, including requisition and approval dates?
- Are there any delays between order approval and due dates?
- How consistent is the approval timeline for purchase requisitions?
- How are purchase orders distributed across different due dates?
- How much can be saved by choosing the lowest available unit prices for requisitioned items?
- Which purchase orders have the highest potential savings?
- How do actual unit prices compare to the lowest available unit prices across suppliers?
- What are the trends in payment-level savings across different years and quarters?
- Which suppliers and products have the most significant cost-saving opportunities?

6.2 Logical Model

A logical model of this subject area is provided in the schematic below:



6.3 Reports

The reports that are available out-of-the-box in DiLytics Procurement Insight solution in the functional area of 'Payroll' are described below:

S. No.	Report Name	Description	Key Questions Answered
1.	Procurement Performance KPI's	These KPIs track the overall procurement performance by measuring the percentage of purchase orders that have been approved, delivered, accepted, rejected, and are still pending. They provide insights into procurement efficiency, supplier reliability, and the effectiveness of order processing within the organization.	<ul style="list-style-type: none">▪ What percentage of the total purchase amount has been approved?▪ How much of the approved amount has been delivered?▪ What percentage of the delivered amount has been accepted?▪ What percentage of the delivered goods has been rejected?▪ How much of the total procurement amount is still pending?
2.	Supplier Price Performance	This Chart displays Supplier Price Performance for the year 2018, listing the Supplier Name, Product, and Unit Price. It shows the pricing offered by different suppliers for the same product during that year.	<ul style="list-style-type: none">▪ Which supplier offers the lowest/highest price for a specific product?▪ How does the price of a product vary across suppliers?▪ How has the price of a product changed over the years?▪ Which suppliers have changed their pricing significantly over time?▪ Which suppliers consistently provide competitive pricing?▪ Are there opportunities to consolidate purchases with a single supplier to reduce costs?
3.	Buyer Performance	This Chart displays Buyer Performance, including Buyer name, PO Amount, Amount Received, Amount Accepted, Amount Rejected, Accepted Percentage, and Rejected Percentage. It shows key performance metrics for each buyer, such as purchase order amounts, acceptance rates, and rejection rates.	<ul style="list-style-type: none">▪ Which buyer has the highest purchase order (PO) amount?▪ How much of the PO amount has been received for each buyer?▪ Which buyer has the highest acceptance rate of received items?

S. No.	Report Name	Description	Key Questions Answered
			<ul style="list-style-type: none"> Which buyer has the highest rejection rate? Which buyers receive the most rejected products? Are certain buyers consistently facing quality issues (low accepted %)? How does the acceptance/rejection trend vary among different buyers?
4.	Requisition Approval Effectiveness by Organization	This chart displays Requisition Approval Effectiveness by Organization, showing the approval rate for each organization. It compares the effectiveness of requisition approvals across different organizations.	<ul style="list-style-type: none"> Which organization has the most efficient requisition approval process? Which organization has the slowest approval process? How does the approval lead time vary across different manufacturing units? Is there a significant gap between the fastest and slowest approval times? Are approval delays impacting procurement timelines?
5.	Requisition Approval Effectiveness by Product	This chart displays Requisition Approval Effectiveness by Product, showing the approval rate for each product. It compares the effectiveness of requisition approvals across different products, including Gavepenti, Amoxici, Citalopram, Metformin, and others.	<ul style="list-style-type: none"> Which products have the longest requisition approval lead times? Which products have the shortest approval times? Are there significant variations in approval times across different products? Are critical or high-demand products delayed in the approval process? Can approval times be optimized for specific products to enhance procurement efficiency?
6.	Requisition Approval Effectiveness by Buyer	This chart displays Requisition Approval Effectiveness by Buyer, showing the Requisition Approval Lead Time for each buyer. It compares the time taken for requisition approvals across different buyers, organizations, and products, providing insights into procurement efficiency and approval delays.	<ul style="list-style-type: none"> Which buyers take the longest time to approve requisitions? Which buyers have the fastest approval times? Are certain buyers consistently slower than others? Is there a correlation between approval times and specific buyers handling critical requisitions?

S. No.	Report Name	Description	Key Questions Answered
			<ul style="list-style-type: none"> Do certain buyers handle more requisitions than others, and does workload impact approval speed?
7.	PO Approval Duration by Organization	This chart displays PO Approval Duration by Organization, showing the average duration for each organization. It compares the approval times across different organizations	<ul style="list-style-type: none"> Which organization has the longest PO approval duration? Which organization processes POs the fastest? Are there significant differences in approval times between organizations? Is there a trend in approval times over time? Does the approval duration correlate with the volume of POs handled by each organization?
8.	PO Approval Duration by Product	This Chart displays PO Approval Duration by Product, showing the average duration for each product. It compares the approval times across different products, revealing variations in duration.	<ul style="list-style-type: none"> Which products have the longest PO approval durations? Which products are approved the fastest? Are there significant variations in approval times across different products? Do high-demand products experience longer approval times? Are certain product categories facing approval bottlenecks?
9.	PO Approval Duration by Buyer	This Chart displays PO Approval Duration by Buyer, showing the Approval Duration for each buyer. It measures the number of days between the PO Opened date and the Ordered On date, representing the time taken for purchase orders to be approved and processed. This visualization provides insights into procurement efficiency, helping to identify potential delays in the approval process across different buyers, organizations, and products.	<ul style="list-style-type: none"> Which buyers take the longest to approve POs? Which buyers approve POs the fastest? Is there a significant variation in PO approval times across buyers? Are delays concentrated with specific buyers or evenly distributed? Does buyer experience or workload impact approval times?

S. No.	Report Name	Description	Key Questions Answered
10.	Program Performance	This chart displays Program Performance data, including Program ID, Project Type, Project Status Code, Name, Long Name, Description, Amount Ordered, Amount Delivered, and Amount Billed. It shows details for a program with multiple projects, including their status, descriptions, and financial information.	<ul style="list-style-type: none"> What is the total amount ordered, delivered, and billed for a project? Is the full amount ordered being delivered? Is there a gap between the amount delivered and the amount billed? Which projects are currently active? What are the financial trends for different projects? Are certain projects more efficient in terms of delivery and billing?
11.	Vendor Performance	This chart displays Vendor Performance, comparing Amount Accepted, PO Amount, and Amount Rejected for the top vendors. It shows the accepted and rejected amounts relative to the total purchase order amounts for each vendor.	<ul style="list-style-type: none"> Which vendors receive the highest purchase order (PO) amounts? Which vendors fulfill the most orders (Amount Accepted)? Which vendors have the highest rejection rates? How do different vendors compare in terms of PO acceptance and rejections? Are there specific vendors consistently rejecting more orders? What is the financial impact of rejected POs? Are we placing POs with vendors who have high rejection rates?
12.	Purchase Orders Tracking By PO Date Report	This chart displays the tracking of purchase orders by PO due date, showing order numbers, due dates, approval dates, indicators, and quantities. It provides insight into purchase order status and quantities within the organization.	<ul style="list-style-type: none"> Are purchase orders being approved on time? Which purchase orders were delayed in approval? How many purchase orders have been processed and approved? Which POs were created earlier but approved late? Are there any POs that were approved before their due date? What is the total quantity ordered per PO? Are certain purchase order line numbers associated with larger quantities?

S. No.	Report Name	Description	Key Questions Answered
			<ul style="list-style-type: none"> Are there any late POs marked in Red? How many POs are in the "Green" category (on-time orders)?
13.	Purchase Orders Tracking By Requisition Date Report	This chart displays the tracking of purchase orders by requisition date, showing order numbers, due dates, approval dates, and quantities. It provides insight into the approval timeline and consistency of purchase requisitions.	<ul style="list-style-type: none"> Are purchase requisitions being approved on time? Which requisitions took longer to approve? Are there any requisitions that were approved well after the due date? How many requisitions are processed and approved within the required timeframe? Which requisitions were approved before their due date? Are there recurring patterns of delays for specific months or years? What is the total quantity of items ordered per requisition? Are certain purchase orders associated with larger quantities?
14.	Procurement Performance Details	This chart displays purchase order details, including requisition dates, approval dates, suppliers, buyers, and unit prices. It provides insights into procurement timelines and financial totals for ordered products.	<ul style="list-style-type: none"> How efficiently are purchase requisitions being approved? How long does it take for a purchase order (PO) to be approved? Which suppliers have the highest rejected amounts? Who are the top-performing suppliers in terms of acceptance rate? Which buyers are involved in procurement delays? How much money has been spent on procurement? How much of the received procurement amount is accepted or rejected?

7 Subject Area: Savings Potential

7.1 Description

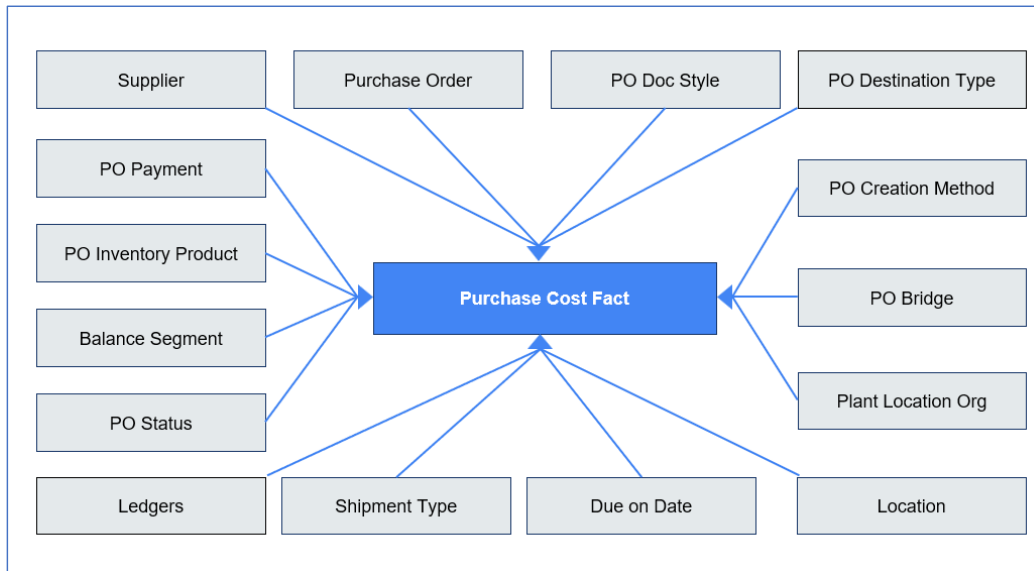
This subject area is used to report procurement cost savings at the requisition and purchase order (PO) levels. It provides insights into how organizations can optimize procurement efficiency by comparing unit prices from different suppliers and identifying potential savings opportunities. Key metrics such as requisition-level savings, PO-level savings, and supplier pricing variations can be analyzed to enhance cost-effectiveness in procurement decisions. This subject area includes both historical and real-time data to support strategic sourcing, cost reduction, and supplier negotiations.

Some of the important questions that this subject area answers include:

- How much can be saved by selecting the lowest available unit prices for requisitioned items?
- Which suppliers offer the best pricing for specific requisitioned products?
- What is the potential cost savings based on requisition quantities and price differences?
- How much can be saved by choosing the lowest available unit prices at the PO level?
- Which purchase orders have the highest potential savings?
- How do actual unit prices compare to the lowest available unit prices across suppliers?

7.2 Logical Model

A logical model of this subject area is provided in the schematic below:



7.3 Reports

The reports that are available out-of-the-box in DiLytics Procurement Insight solution in the functional area of 'Compensation' are described below:

S. No.	Report Name	Description	Key Questions Answered
1.	Requisition Level Savings	This report provides insights into requisition-level savings by comparing unit prices from different suppliers with the lowest available unit prices. It highlights potential cost savings based on requisition quantities, requisition amounts, and price differences to optimize procurement efficiency.	<ul style="list-style-type: none">▪ How much can be saved by choosing the lowest available unit prices for requisitioned items?▪ Which suppliers offer the best pricing for specific requisitioned products?▪ What is the potential cost savings based on requisition quantities and price differences?
2.	PO Level Savings	This report details PO (Purchase Order) level savings by comparing actual unit prices with the lowest available unit prices across various suppliers. It highlights potential cost savings by analyzing purchase quantities, PO amounts, and differences in pricing.	<ul style="list-style-type: none">▪ How much can be saved by selecting the lowest available unit prices at the PO level?▪ Which purchase orders have the highest potential savings?▪ How do actual unit prices compare to the lowest available unit prices across suppliers?

----- End of Document -----