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SHIPMENT

This Accelerator allows you to assess and improve your ability to **deliver your customers on-time, in-full**.

This Accelerator will split your shipments in three categories:

- **Ready for Pickup:** *All the shipments that are still to be shipped*
 - Estimate expected shipment duration based on past shipments
 - Define pickup priorities
 - Identify bottlenecks
 - Benefit from an ideal pickup workload plan for the upcoming days to meet delivery promise
 - Drill at shipment level of detail and with a single click, open any shipment in your source application to take immediate actions
- **In Transit:** *All the shipments that were shipped but not delivered yet*
 - Estimate what volume of shipments will be delivered late or on-time
 - Benefit from an analysis of the underlying reasons for your late shipments: 'late pickup' or 'longer shipment than usual'
- **Completed:** *All the shipments that were delivered*
 - Assess your ability to deliver to your customers on-time
 - Breakdown this performance by carrier, route, center or transportation mode to find outliers and patterns
 - Pinpoint problematic routes
 - Identify the root causes of your late shipments and where to focus your efforts

Monitor and improve KPIs

Shipments

- **Shipments ready for Pickup:** Number of shipments that have not been shipped yet
- **Shipments In Transit:** Number of shipments that have been shipped but not yet delivered
- **Shipments Completed:** Number of shipments that were actually delivered to the recipient
- **Nb Recipients:** Number of recipients for which deliveries are planned over the period

Quality of Service

- **Late Deliveries:** Number of late shipments i.e. delivered after expected delivery date (for completed shipments)
- **Late Deliveries %:** Share of shipments that were delivered after the expected delivery date (expressed in %)
- **On-Time Deliveries:** Number of shipments that were delivered before or at the expected delivery date (for completed shipments)
- **OTD - On-Time Deliveries %:** Share of shipments that were delivered on-time (expressed in %)

Durations

- **Actual Delivery Duration:** Average number of days it took to deliver shipments (from Shipment Date)
- **Expected Delivery Duration:** Average duration that the shipment should last to arrive at expected delivery date (for completed shipments)
- **Actual vs Expected (days):** Average number of days between the expected and the actual delivery date (for completed shipments)

Answer key business questions

- What shipments should be prepared for pickup?
- Which countries must be delivered?
- What shipments are In Transit?
- Were completed deliveries made on time?
- What are the identified delays?

Required attributes

- **Shipment id** (*string*): Shipment Unique Identifier
- **Carrier** (*string*): Company that transports goods
- **Main Transportation Mode** (*string*): The means by which goods are transported from the shipper to the recipient
- **Shipment Date** (*date*): Date of the Shipment (Null if not yet shipped)
- **Expected Delivery Date** (*date*): Date when the delivery is expected
- **Actual Delivery Date** (*date*): Actual date when the delivery was done (Null if not yet delivered)
- **Shipper** (*string*): Organization that fulfills the request for goods
- **Shipper Country** (*string*): Country of the Shipping Organization
- **Shipper City** (*string*): City of the Shipping Organization
- **Shipper Latitude** (*numeric*): Latitude of the Shipping Organization
- **Shipper Longitude** (*numeric*): Longitude of the Shipping Organization
- **Recipient** (*string*): Customer receiving the goods being shipped
- **Recipient Country** (*string*): Country of the Recipient Organization
- **Recipient City** (*string*): City of the Recipient Organization
- **Recipient Latitude** (*numeric*): Latitude of the Recipient Organization
- **Recipient Longitude** (*numeric*): Longitude of the Recipient Organization