

SAP S/4HANA Cloud 1811 Show & Tell – Procurement

Follow up on open questions

Submitted Questions	Answer
Regarding Spend Analysis year over year Enhancement : Where the historical data is stored? and what application CDS Core Data Services is used ?	These are the 2 CDS views used: C_PurOrdServiceSpendQuery and C_PurchaseOrderValueQuery
Regarding the variables considered by the ML algorithm	We provide all the purchase order items along with all the delivery lines to the model while training. Major fields supplied to the model are: Supplier, ReceivingPlant, Material, MaterialGroup, PurchaseOrderDate, ScheduleLineOrderQuantity, ExpectedDeliveryDate etc. Along with this data we also supply the actual delivery dates for each PO Items which we pick from the goods received information. This way model has past performance (whether the delivery was on time or was delayed) of the POs with respect to the above mentioned fields. We also have many calculated fields based on feature engineering which we provide to the model along with the fields mentioned above. These fields are statistical calculations like average, max, min etc. in the week or month etc. PO was created. All this data is grouped based on Supplier and Plant as of now.