Slide 7,8,9,10 Script

Slide 7

Our first module is the Demand Forecasting and Order Management module. Demand is the main driver of inventory and thus  
our objective is predicting the demand and optimizing inventory. Our module analyzes internal factors such as seasonal sales history, external data such as current economic conditions and social media signals, does the time series analysis giving the risk weighted demand.  
This is superior than past systems which performed only predictive analysis, predicting the demand. Our model performs p**rescriptive** analysis that also weighs in the stock out risk.  
Few input variables are required which are relatively easy to get and implement.

This results in benefits such as reduction in lost sales, decrease in holding cost, and also a holistic impact on one major aspect, **Order Management.**

**NEXT**

**Slide 8**

After prescribing the optimum level of stock in the inventory, our module acts on this decision by placing orders to suppliers when necessary, channelizing dead stock by offers and discounts, predicting buffer stocks for shortages and unforeseen situations, and most importantly,   
dividing the available inventory for sale through different channels, thus bringing the omnichannel vision of a company to fruition.

**NEXT**

**Slide 9**

The second module in our solution is the Inventory Space Management module which answers two of the biggest questions in supply chain – “Where should my warehouse be placed? And What do I put into it”.  
The module analyzes variables and requirements for different categories of goods such as high automation for essential goods like milk due to their high flow rate and demand. After studying multiple scenarios, it prescribes the appropriate technical and structural features of the product specialized warehouse, to get the most juice out of it.

NEXT

Slide 10

After deciding our warehouses’ structure and what it will hold, we also need to decide where to build it. Construction is costly and irreversible and companies that get it right, essentially get their whole supply chain right. For example, a company that places a high tech warehouse in a place where there are frequent power cuts is sure to go down. The module analyzes various correlating factors pertaining to location demographics, category of goods, human resource, etc. and by classification and regression decides the best location for your next warehouse .