



Developing a Machine to Design Shoes

Giving more Customization options to Customers and to minimize the inventory Cost.

Generally Retailers has to Carry a huge inventory in order to meet the Customer requirement and still customer want to customize the design as per their requirement.

We will Give Option to the Customer to design their Shoes and help the retailer to minimize the inventory cost.



Data acquisition and cleaning

We will get the necessary required data from ECS Pakistan, www.shopecs.com

Work to make the data to give us a useful output.



Out Come:

If we Just Carry an inventory as below

Upper= 100

Buckle=100

Sole=100

we will be simply able to give design option of 100X100X100 shoes i.e 1 Million and its Huge. And it will help us to reduce the financial cost of inventory.

Conclusion and future directions:

- Built useful models to predict whether and how much Customers are interested
- Accuracy of the models has room for improvement.
- Capture more of Data ' individual traits.
- Ideas include:
 - Physical data
- Financial Data,
 - Impact on Inventory