

## Numerical Optimization

Practical  
Session

Numerical  
Optimization

Optimizing  
Numerical  
Function.

↳ Cost effective  
way.

Bg:


1kg  $\rightarrow$  ₹60

2kg  $\rightarrow$  ₹115

5kg  $\rightarrow$  ₹?

→ Our brain automatically  
Find a pattern

↳ This class we  
learn how to show  
this pattern on a  
chart.

Matplotlib   
comes  
Here

↳ With minimum  
resources.

① `plt.plot()`

connect the dots. Good for data over time.

② `plt.scatter()`

Shows individual points

③ Always label plots.