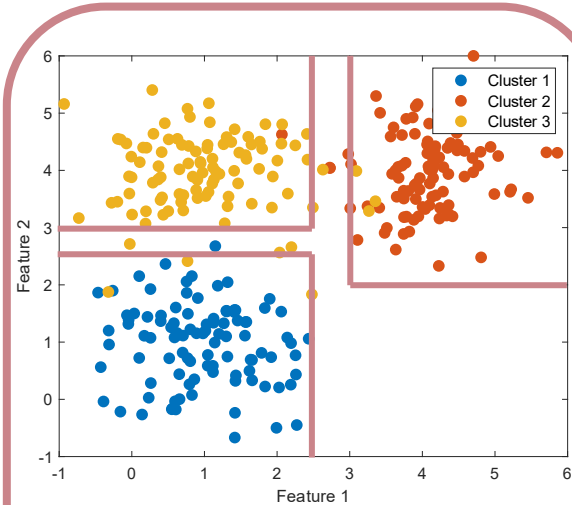


Decision Tree

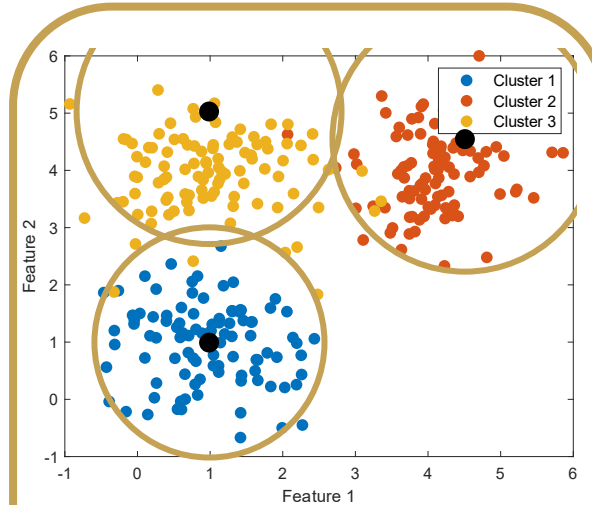


IF:  
Feature 1 < 2.5 AND Feature 2 < 2.5  
>THEN: Cluster 1

IF:  
Feature 1 > 3 AND Feature 2 > 2  
>THEN: Cluster 2

IF:  
Feature 1 < 2.5 AND Feature 2 > 3  
>THEN: Cluster 3

Rules

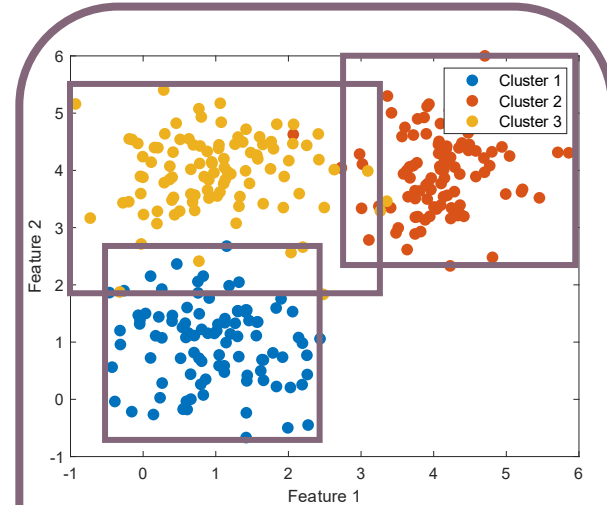


Prototype 1:  
(Feature 1 = 1, Feature 2 = 1)  
>Represent: Cluster 1

Prototype 2:  
(Feature 1 = 4.5, Feature 2 = 4.5)  
>Represent: Cluster 2

Prototype 3:  
(Feature 1 = 1, Feature 2 = 5)  
>Represent: Cluster 3

Prototype



Rectangle 1:  
Feature 1  $\in [-0.5, 2.5]$ ,  
Feature 2  $\in [-0.75, 2.75]$   
>Represent: Cluster 1

Rectangle 2:  
Feature 1  $\in [2.75, 6]$ ,  
Feature 2  $\in [2.5, 6]$   
>Represent: Cluster 2

Rectangle 3:  
Feature 1  $\in [-1, 3.25]$ ,  
Feature 2  $\in [1.8, 5.5]$   
>Represent: Cluster 3

Convex  
Polyhedral