(where each data point is represented as (Age, Loan))

* Distance Metric being used is Manhattan Distance
i.e. dij = |ding-djnge| + |dinan-djnoan|

where dij → distance b/w di & dj di → ith data pont

Training Data Pt.	Distance from Test	
(25, 40)	114	
(35, 60)	84	
(45, 80)	70	
(20, 20)	139	
(35, 120)	24	
(52, 18)	139	
(23, 95)	61	
(40, 62)	83	
(60,100)	65	
(48, 220)	89	
(33, 150)	12	

* HPI and BHK not Indicated as they are irrelevant for distance

Ordering these from lowest to greatest w. r. t distance:
(33,150,12), (35,120,24), (23,95,61), (60,100,65), (45,80,70),
(40,62,83), (35,60,84), (48,220,89), (25,40,114), (20,20,139),
(52,18,139)

where each entry = (Age, Loan, Distance)

For k=1Only 1st neighbor taken,

HPI = 264

BHK = 4

For k=21st & 2nd neighbord taken,

HPI = (264 + 139)/2 = 201.5BHK = argmax (4,4) = 4

For k=3 1^{5+} , 2^{-d} & 3^{-d} neighbors taken, MPI = (264+139+127)/3 = 176.66 $BHK = \underset{i}{argmax} (4,4,2) = 4$