05	Age	Loan	Labels		Distance from (37,142)	
			HPI	BHK	Age=37, Loan=142	productive and the second seco
	25	40	135	2	102, 703	Name of the Control o
	35	60	256	3	82.024	
	45	80	231	3	62.514	
	20	20	267	4	123.178	
	35	120	139	4	22.09	
	52	18	150	2	124.904	
	23	95	127	2	49.041	
	40	62	216	у -	80.056	
	60	100	139	2	47.885	
	५८	220	250	3	78.771	
	33	150	264	4	8.944	

for k=1 Nearest neighbour of (37,142) will be (33,150)
which is at a distance at of 8.944

Hence, for K>1, fredicted value of HPI= 264

Predicted value of BHK= 4.

for K=2, the nearest neighbourk of (37, 142) will be (33, 150)

and (35, 120) at distances, 8.944 and 22.09 respectively

Corresponding (HPI (BHK) are (139,4) and (264,4)

Hence, for K=2 Predicted value of

HPI (mean for two neighbours) = $(264 + 139)/_2 = 201.5$ and BHK = 4 (majorrty in neighbours)

for K=3, the nearest neighbours of (37,142) will (33,150).

(35,120) and (60,100) at distance 8.944, 22.091 and 47.895

Hespectively, Hence for K=3, predicted values for HPI = (264+139+139)/3 = 180.66

BHK = 4 (majority in neighbors)

[HPI, BHK) are (139,4), (139,2), (264,4)