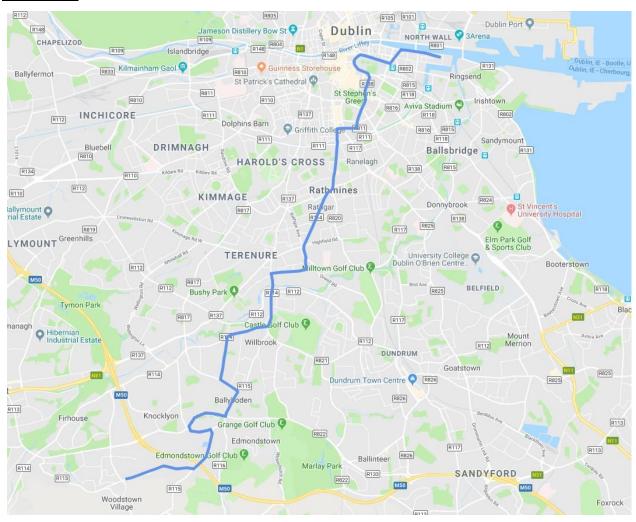
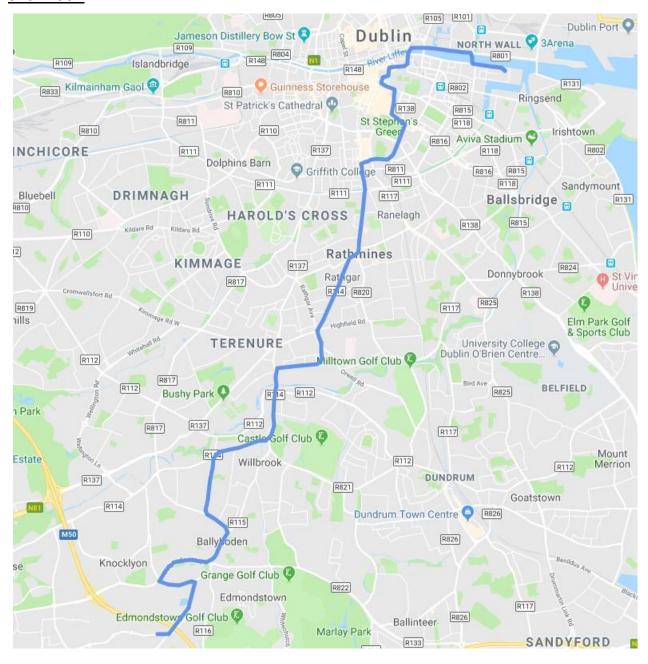
Τεχνικές Εξόρυξης Δεδομένων

Ερώτημα 1

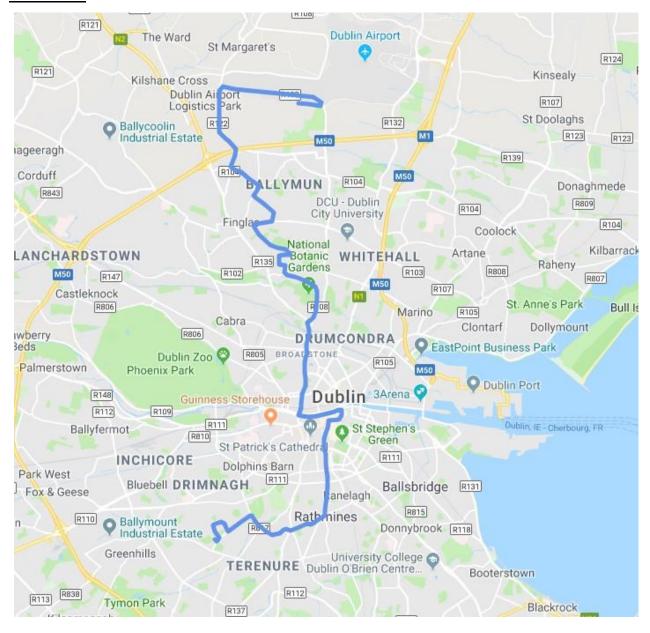
015B0001

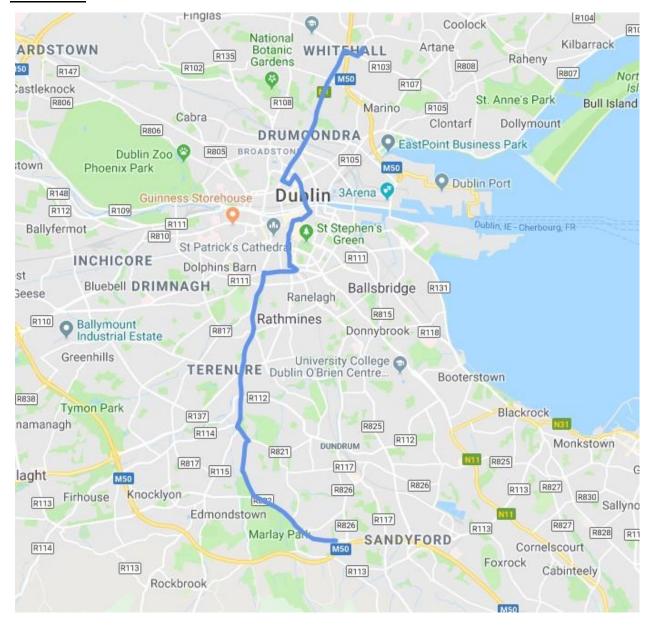


015B1001

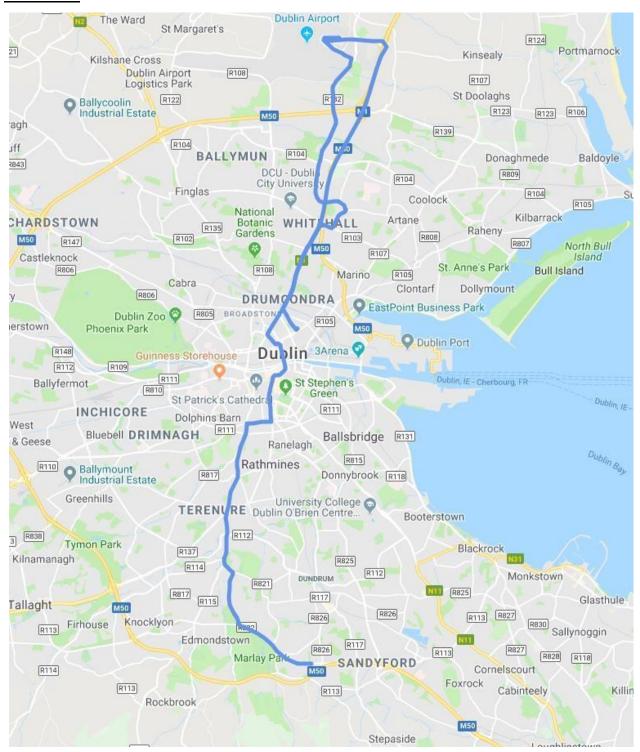


083A1001

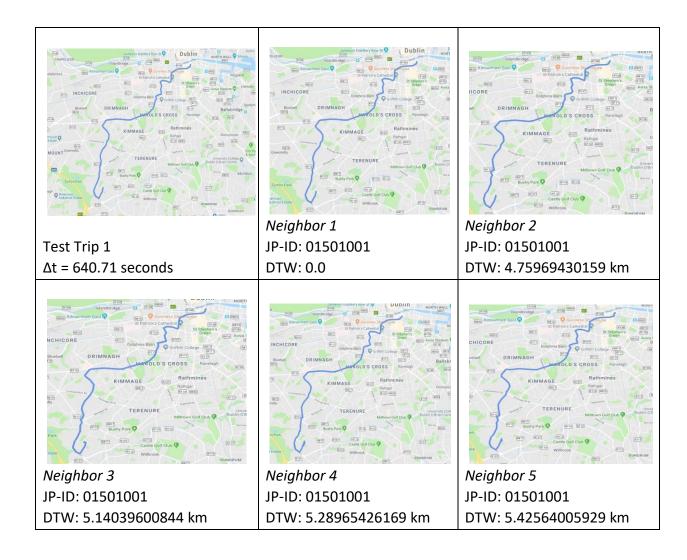




00161001

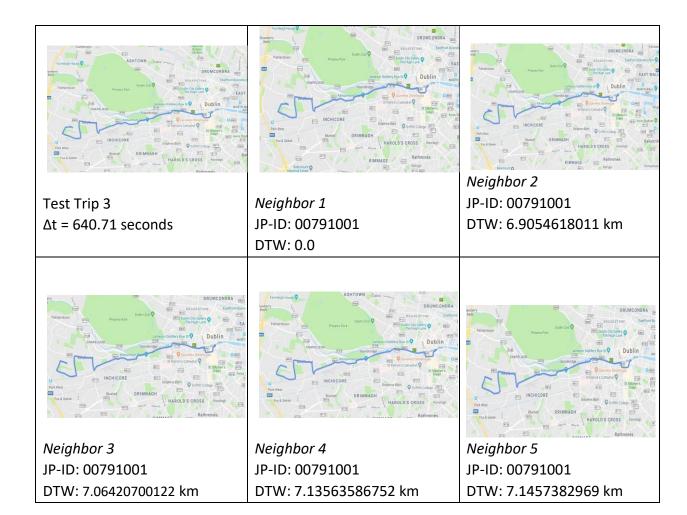


<u>Ερώτημα 2: *Α1*</u>

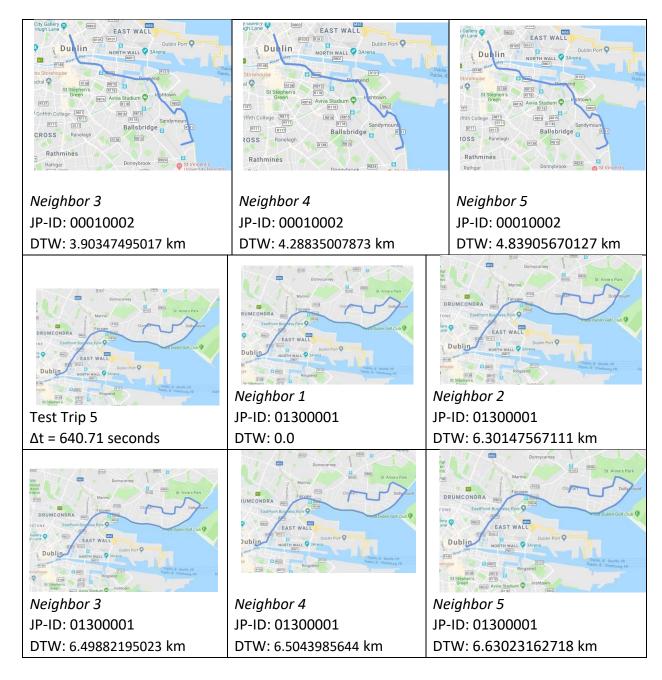




		DTW: 4.04876501568 km
Glasnevin WHITEHA Toka Valley Park O Dublin Industrial Estate D O O O O O O O O O O O O	Glasnevin WHITE Toka Volley Park O Doulin Industrial Edition Microsophia Markete WHITE	Total Valley Bank O Duckin Industrial Estate
ASHTOWN Cabra Fastage DRUMCONDRA	Botanic Gardens ASHTOWN Cabra 1000000000000000000000000000000000000	Batanic Gardens ASHTOWN Cabra Tanaga DRUMCONDRA
Dublin Zoo Phoenix Park Dublin Zoo Phoenix Park Diblin Zoo Phoenix Park Dublin Zoo Phoenix Pa	Dubin Zoo Dubin	Pricerix Park Dubin Zoo Pricerix Park Divin Zoo Pricerix Park Divin Zoo Pricerix Park Divin Zoo Pricerix Park Divin Zoo Divin Chy Garles Divin Ch
Jameson Distillery Bow St Dublin NORT	Jameson Distillery Bow St Dublin	Jameson Distrillery Bow St Q Dublin NORTH W.
Neighbor 3 JP-ID: 01200001	<i>Neighbor 4</i> JP-ID: 01200001	Neighbor 5 JP-ID: 01200001
DTW: 4.61949680884 km	DTW: 4.75077338023 km	DTW: 4.9376317303 km

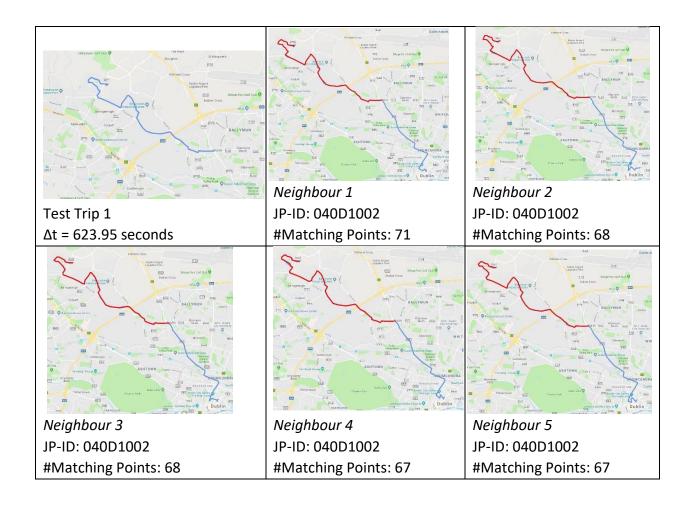






<u>Ερώτημα 2: *Α2*</u>

Για τα δεδομένα αφαιρέθηκε ο παράγοντας του χρόνου καθώς επίσης οι συντεταγμένες που ήταν ίδιες στη σειρά.



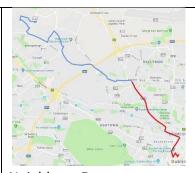




JP-ID: 040D1002 #Matching Points: 57



Neighbour 4 JP-ID: 040D1002 #Matching Points: 56



Neighbour 5 JP-ID: 040D1002 #Matching Points: 55



Test Trip 3 Δt = 623.95 seconds



Neighbour 1 JP-ID: 01451001 #Matching Points: 24



Neighbour 2 JP-ID: 01451001 #Matching Points: 24



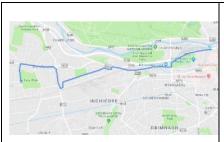
Neighbour 3 JP-ID: 066A0001 #Matching Points: 24



Neighbour 4 JP-ID: 067X0001 #Matching Points: 24



Neighbour 5 JP-ID: 01451001 #Matching Points: 24



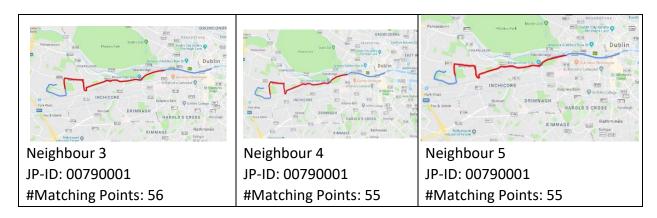
Test Trip 4 Δt = 623.95 seconds

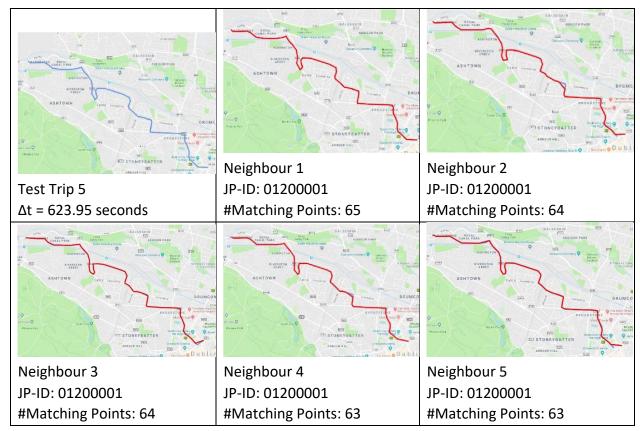


Neighbour 1 JP-ID: 00790001 #Matching Points: 59



Neighbour 2 JP-ID: 00790001 #Matching Points: 56





Ερώτημα 3

Cross Validation Scores:

[0.81818182 0.83333333 0.83333333 0.81818182 0.83076923 0.90769231 0.8 0.84615385 0.87692308]

--- 6408.30599999 seconds ---

Test_Trip_ID	Predicted_JourneyPatternID	
0	015A1001	
1	1200001 2	
	1800	
	01	
3	530001	
4	1300001	