

Reunión Semanal

Javier Cabrera Vejar.

UNAB

2020/11/24

- Corrección Red Vial
- Ejecución del algoritmo
- Resultados del algoritmo con métricas distintas

Error en asignación de FID's, redvial

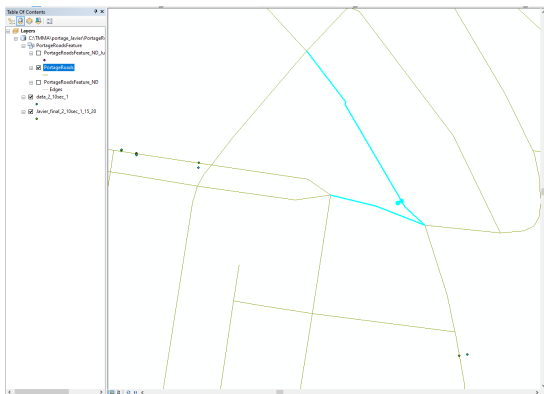


Figura 1:

Error en asignación de FID's, red vial

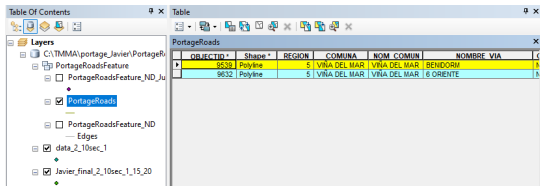


Table Of Contents

- Layers
 - C:\TMMA\portage_javier\PortageR
 - PortageRoadsFeature
 - PortageRoadsFeature_ND_Ju
 - ☒ PortageRoads
 - PortageRoadsFeature_ND
 - Edges
 - ☒ data_2_10sec_1
 - ☒ Javier_final_2_10sec_1_15_20

Table

PortageRoads

OBJECTID	Shape	REGION	COMUNA	NOM COMUN	NOMBRE VIA
9632	Polyline	5	VIÑA DEL MAR	VIÑA DEL MAR	BENDORIM
9632	Polyline	5	VIÑA DEL MAR	VIÑA DEL MAR	6 ORIENTE

Figura 2:

Error en asignación de FID's, trayecto

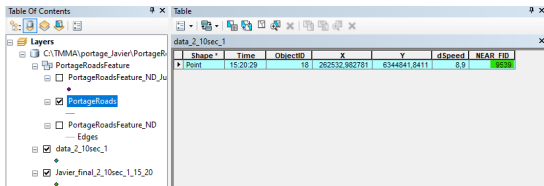


Table Of Contents

- Layers
 - C:\TMMA\portage_Javier\PortageR...
 - PortageRoadsFeature
 - PortageRoadsFeature_ND_Ju...
 - ☒ PortageRoads
 - PortageRoadsFeature_ND
 - Edges
 - ☒ data_2_10sec_1
 - Javier_final_2_10sec_1_15_20

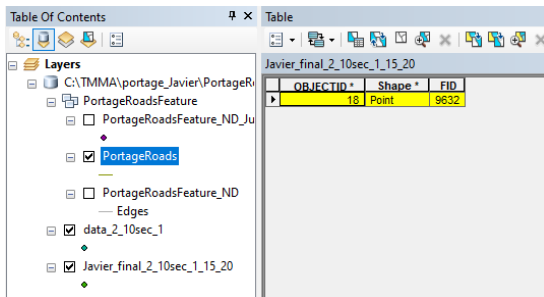
Table

data_2_10sec_1

Shape	Time	ObjectID	X	Y	dSpeed	NEAR_FID
Point	15:20:29	18	262532.982781	6344841.8411	8.9	9539

Figura 3:

Error en asignación de FID's, trayecto



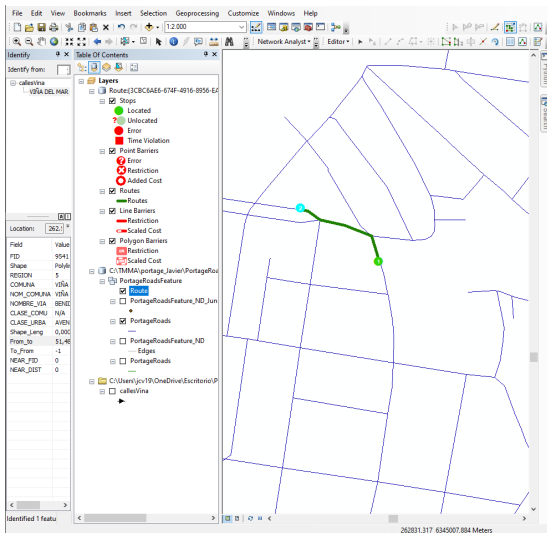
The screenshot displays the ArcGIS interface. On the left, the 'Table Of Contents' pane shows a list of layers. The 'PortageRoads' layer is selected and highlighted in blue. On the right, the 'Table' pane shows the data for the selected layer. The table has three columns: 'OBJECTID*', 'Shape*', and 'FID'. The first row contains the values 18, Point, and 9632.

OBJECTID*	Shape*	FID
18	Point	9632

Figura 4:

Corrección Red Vial

Red vial probada en lugar de falla.



Ejecución TMMA

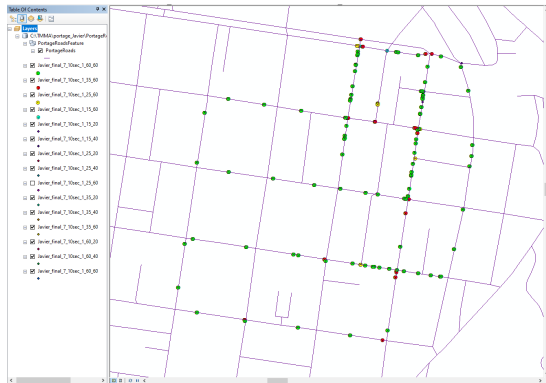
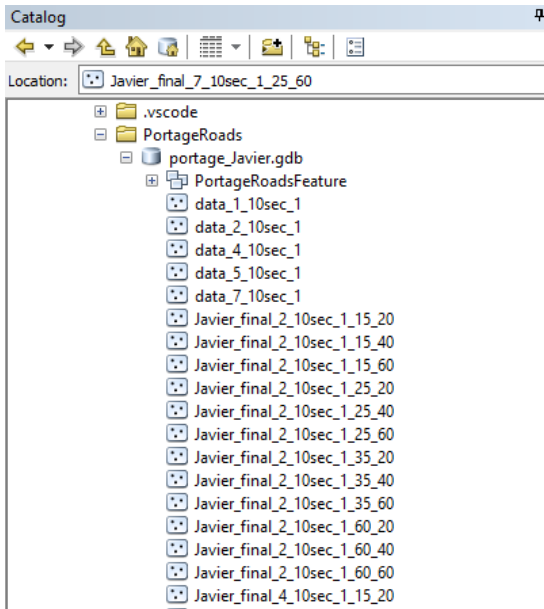


Figura 6:

Ejecución TMMA



Ejecución TMMA

```
PS C:\TMMA\portage_Javier> & C:/Python27/ArcGIS10.3/python.exe c:/TMMA/portage_Javier/portage.py
-----
data_2_10sec_1
-----
SearchRadius -> 20
Amount of points - > 37
Final file name - > Javier_final_2_10sec_1_60_20
gps dictionary done...
Execution end time - > 33.8375905
PS C:\TMMA\portage_Javier> & C:/Python27/ArcGIS10.3/python.exe c:/TMMA/portage_Javier/portage.py
-----
data_2_10sec_1
-----
SearchRadius -> 20
Amount of points - > 37
Final file name - > Javier_final_2_10sec_1_35_20
gps dictionary done...
Execution time - > 36.8206837 seconds
PS C:\TMMA\portage_Javier> & C:/Python27/ArcGIS10.3/python.exe c:/TMMA/portage_Javier/portage.py
-----
data_2_10sec_1
-----
SearchRadius -> 20
Speed Tolerance -> 25
Amount of points - > 37
Final file name - > Javier_final_2_10sec_1_25_20
gps dictionary done...
Execution time - > 36.4695015 seconds
PS C:\TMMA\portage_Javier> & C:/Python27/ArcGIS10.3/python.exe c:/TMMA/portage_Javier/portage.py
-----
data_2_10sec_1
-----
SearchRadius -> 20
Speed Tolerance -> 15
Amount of points - > 37
Final file name - > Javier_final_2_10sec_1_15_20
gps dictionary done...
Execution time - > 47.1393425 seconds
PS C:\TMMA\portage_Javier> []
```

Figura 8:

Resultado TMMA

DATA	7_10sec_1	Executed	yes
searchradius	20	Successful	no
speed toleranse	60	Execution errors	1 point
amout of points	99		
Execution time	90.55 Sec		

DATA	7_10sec_1	Executed	Yes
searchradius	20	Successful	yes
speed toleranse	35	Execution errors	0
amout of points	99		
Execution time	127.12 Sec		

DATA	7_10sec_1	Executed	yes
searchradius	20	Successful	yes
speed toleranse	25	Execution errors	0
amout of points	99		
Execution time	172.14 Sec		

DATA	7_10sec_1	Executed	yes
searchradius	20	Successful	yes
speed toleranse	15	Execution errors	0
amout of points	99		
Execution time	263.32 Sec		

Figura 9:

Resultado TMMA

DATA	7_10sec_1	Executed	yes
searchradius	40	Successful	no
speed tolerance	60	Execution errors	2
amount of points	99		
Execution time	89.62 sec		

DATA	7_10sec_1	Executed	yes
searchradius	40	Successful	yes
speed tolerance	35	Execution errors	0
amount of points	99		
Execution time	157.45 sec		

DATA	7_10sec_1	Executed	yes
searchradius	40	Successful	no
speed tolerance	25	Execution errors	2
amount of points	99		
Execution time	233.03 sec		

DATA	7_10sec_1	Executed	yes
searchradius	40	Successful	yes
speed tolerance	15	Execution errors	0
amount of points	99		
Execution time	389.98 sec		

Figura 10:

Resultado TMMA

DATA	7_10sec_1	Executed	yes
searchradius	60	Successful	no
speed toleranse	60	Execution errors	2
amout of points	99		
Execution time	91.36 sec		

DATA	7_10sec_1	Executed	yes
searchradius	60	Successful	no
speed toleranse	35	Execution errors	1
amout of points	99		
Execution time	192.51 sec		

DATA	7_10sec_1	Executed	yes
searchradius	60	Successful	no
speed toleranse	25	Execution errors	4
amout of points	99		
Execution time	293.00 sec		

DATA	7_10sec_1	Executed	yes
searchradius	60	Successful	yes
speed toleranse	15	Execution errors	0
amout of points	99		
Execution time	544.08 sec		

Figura 11:

- Ejecutar en gbd final
- Ordenar memoria
- Manual de Usuario
- Hito 3.