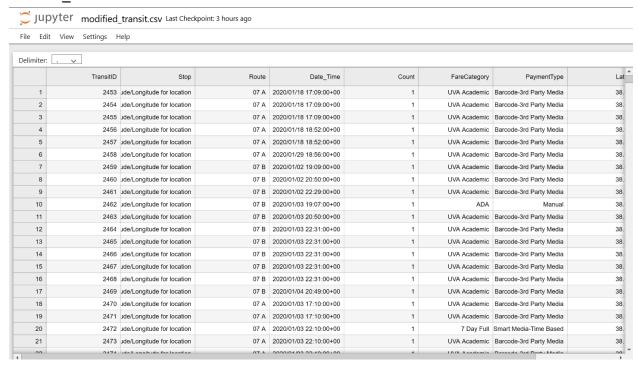I am sorry, my first data source on Charlottesville Transit in 2020 was too large to upload on Github! Please let me know if I should provide more information. Thank you.

Data source download link: https://opendata.charlottesville.org/datasets/transit-2020/explore

modified_transit.csv Preview:

jupyter modified_transit.csv Last Checkpoint: 3 hours ago

File   Edit   View   Settings   Help

Delimiter: ,

	TransitID	Stop	Route	Date_Time	Count	FareCategory	PaymentType	Lat
1	2453	ude/Longitude for location	07 A	2020/01/18 17:09:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
2	2454	ude/Longitude for location	07 A	2020/01/18 17:09:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
3	2455	ude/Longitude for location	07 A	2020/01/18 17:09:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
4	2456	ude/Longitude for location	07 A	2020/01/18 18:52:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
5	2457	ude/Longitude for location	07 A	2020/01/18 18:52:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
6	2458	ude/Longitude for location	07 A	2020/01/29 18:56:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
7	2459	ude/Longitude for location	07 B	2020/01/02 19:09:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
8	2460	ude/Longitude for location	07 B	2020/01/02 20:50:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
9	2461	ude/Longitude for location	07 B	2020/01/02 22:29:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
10	2462	ude/Longitude for location	07 B	2020/01/03 19:07:00+00	1	ADA	Manual	38.
11	2463	ude/Longitude for location	07 B	2020/01/03 20:50:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
12	2464	ude/Longitude for location	07 B	2020/01/03 22:31:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
13	2465	ude/Longitude for location	07 B	2020/01/03 22:31:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
14	2466	ude/Longitude for location	07 B	2020/01/03 22:31:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
15	2467	ude/Longitude for location	07 B	2020/01/03 22:31:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
16	2468	ude/Longitude for location	07 B	2020/01/03 22:31:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
17	2469	ude/Longitude for location	07 B	2020/01/04 20:49:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
18	2470	ude/Longitude for location	07 A	2020/01/03 17:10:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
19	2471	ude/Longitude for location	07 A	2020/01/03 17:10:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
20	2472	ude/Longitude for location	07 A	2020/01/03 22:10:00+00	1	7 Day Full	Smart Media-Time Based	38.
21	2473	ude/Longitude for location	07 A	2020/01/03 22:10:00+00	1	UVA Academic	Barcode-3rd Party Media	38.
22	2474	ude/Longitude for location	07 A	2020/01/03 22:10:00+00	1	UVA Academic	Barcode-3rd Party Media	38.

transit_json_conversion.json Preview:

jupyter transit_json_conversion.json Last Checkpoint: 2 hours ago

File   Edit   View   Settings   Help

root [] 215407 items   Filter…

0
   TransitID 2453
   Stop "10472 - Emmet St at Central Grounds Please refer to the Latitude/Longitude for location"
   Route "07 A"
   Date_Time "2020/01/18 17:09:00+00"
   Count 1
   FareCategory "UVA Academic"
   PaymentType "Barcode-3rd Party Media"
   Latitude 38.0363
   Longitude -78.5078
1
   TransitID 2454
   Stop "10472 - Emmet St at Central Grounds Please refer to the Latitude/Longitude for location"
   Route "07 A"
   Date_Time "2020/01/18 17:09:00+00"
   Count 1
   FareCategory "UVA Academic"
   PaymentType "Barcode-3rd Party Media"
   Latitude 38.0363
   Longitude -78.5078
2
   TransitID 2455
   Stop "10472 - Emmet St at Central Grounds Please refer to the Latitude/Longitude for location"
   Route "07 A"
   Date_Time "2020/01/18 17:09:00+00"
   Count 1
   FareCategory "UVA Academic"

transit_sql_conversion.db Preview:

DB Browser for SQLite - C:\Users\13012\OneDrive - University of Virginia\3rd Year 24-25\Data Science Systems\Project 1\transit_sql_conversion.db

File   Edit   View   Tools   Help

New Database | Open Database | Write Changes | Revert Changes | Undo | Open Project | Save Project | Attach Database | Close Dat

Database Structure | Browse Data | Edit Pragmas | Execute SQL

Table: transit_table

	TransitID	Stop	Route	Date_Time	Count	FareCategory	
	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	2453	10472 - Emmet St at Central Grounds ...	07 A	2020/01/18 17:09:00+00	1	UVA Academic	Barc
2	2454	10472 - Emmet St at Central Grounds ...	07 A	2020/01/18 17:09:00+00	1	UVA Academic	Barc
3	2455	10472 - Emmet St at Central Grounds ...	07 A	2020/01/18 17:09:00+00	1	UVA Academic	Barc
4	2456	10472 - Emmet St at Central Grounds ...	07 A	2020/01/18 18:52:00+00	1	UVA Academic	Barc
5	2457	10472 - Emmet St at Central Grounds ...	07 A	2020/01/18 18:52:00+00	1	UVA Academic	Barc
6	2458	10472 - Emmet St at Central Grounds ...	07 A	2020/01/29 18:56:00+00	1	UVA Academic	Barc
7	2459	10472 - Emmet St at Central Grounds ...	07 B	2020/01/02 19:09:00+00	1	UVA Academic	Barc
8	2460	10472 - Emmet St at Central Grounds ...	07 B	2020/01/02 20:50:00+00	1	UVA Academic	Barc
9	2461	10472 - Emmet St at Central Grounds ...	07 B	2020/01/02 22:29:00+00	1	UVA Academic	Barc
10	2462	10472 - Emmet St at Central Grounds ...	07 B	2020/01/03 19:07:00+00	1	ADA	Manua
11	2463	10472 - Emmet St at Central Grounds ...	07 B	2020/01/03 20:50:00+00	1	UVA Academic	Barc
12	2464	10472 - Emmet St at Central Grounds ...	07 B	2020/01/03 22:31:00+00	1	UVA Academic	Barc
13	2465	10472 - Emmet St at Central Grounds ...	07 B	2020/01/03 22:31:00+00	1	UVA Academic	Barc
14	2466	10472 - Emmet St at Central Grounds ...	07 B	2020/01/03 22:31:00+00	1	UVA Academic	Barc
15	2467	10472 - Emmet St at Central Grounds ...	07 B	2020/01/03 22:31:00+00	1	UVA Academic	Barc
16	2468	10472 - Emmet St at Central Grounds ...	07 B	2020/01/03 22:31:00+00	1	UVA Academic	Barc
17	2469	10472 - Emmet St at Central Grounds ...	07 B	2020/01/04 20:49:00+00	1	UVA Academic	Barc