roads Shapefile Data Analysis Report

As can be seen below, the dataset(s) contained inside the roads folder are numerous. This differs from the others which only contain a single shapefile. To analyse this data, I used a few transformation techniques to combine the files into the expected single file format before analysis. All information given after the folder contents section (such as the shapefile analysis, is in respect to the combined file. This should be noted when (or if) this data is used as it will need careful consideration on how to handle all the datasets.

# Folder Contents:

The following files were found in the folder:

* HP\_RoadLink.dbf: Size: 225906 bytes
* HP\_RoadLink.prj: Size: 441 bytes
* HP\_RoadLink.shp: Size: 109212 bytes
* HP\_RoadLink.shx: Size: 2988 bytes
* HP\_RoadNode.dbf: Size: 19804 bytes
* HP\_RoadNode.prj: Size: 441 bytes
* HP\_RoadNode.shp: Size: 14796 bytes
* HP\_RoadNode.shx: Size: 2772 bytes
* HT\_RoadLink.dbf: Size: 13122 bytes
* HT\_RoadLink.prj: Size: 441 bytes
* HT\_RoadLink.shp: Size: 6692 bytes
* HT\_RoadLink.shx: Size: 260 bytes
* HT\_RoadNode.dbf: Size: 1337 bytes
* HT\_RoadNode.prj: Size: 441 bytes
* HT\_RoadNode.shp: Size: 1024 bytes
* HT\_RoadNode.shx: Size: 268 bytes
* HU\_RoadLink.dbf: Size: 3314082 bytes
* HU\_RoadLink.prj: Size: 441 bytes
* HU\_RoadLink.shp: Size: 1568404 bytes
* HU\_RoadLink.shx: Size: 42580 bytes
* HU\_RoadNode.dbf: Size: 289021 bytes
* HU\_RoadNode.prj: Size: 441 bytes
* HU\_RoadNode.shp: Size: 215568 bytes
* HU\_RoadNode.shx: Size: 39276 bytes
* HY\_RoadLink.dbf: Size: 3101298 bytes
* HY\_RoadLink.prj: Size: 441 bytes
* HY\_RoadLink.shp: Size: 1329628 bytes
* HY\_RoadLink.shx: Size: 39852 bytes
* HY\_RoadNode.dbf: Size: 267073 bytes
* HY\_RoadNode.prj: Size: 441 bytes
* HY\_RoadNode.shp: Size: 199200 bytes
* HY\_RoadNode.shx: Size: 36300 bytes
* HZ\_RoadLink.dbf: Size: 13122 bytes
* HZ\_RoadLink.prj: Size: 441 bytes
* HZ\_RoadLink.shp: Size: 10468 bytes
* HZ\_RoadLink.shx: Size: 260 bytes
* HZ\_RoadNode.dbf: Size: 1278 bytes
* HZ\_RoadNode.prj: Size: 441 bytes
* HZ\_RoadNode.shp: Size: 980 bytes
* HZ\_RoadNode.shx: Size: 260 bytes
* NA\_RoadLink.dbf: Size: 6882 bytes
* NA\_RoadLink.prj: Size: 441 bytes
* NA\_RoadLink.shp: Size: 6676 bytes
* NA\_RoadLink.shx: Size: 180 bytes
* NA\_RoadNode.dbf: Size: 688 bytes
* NA\_RoadNode.prj: Size: 441 bytes
* NA\_RoadNode.shp: Size: 540 bytes
* NA\_RoadNode.shx: Size: 180 bytes
* NB\_RoadLink.dbf: Size: 2134098 bytes
* NB\_RoadLink.prj: Size: 441 bytes
* NB\_RoadLink.shp: Size: 1064588 bytes
* NB\_RoadLink.shx: Size: 27452 bytes
* NB\_RoadNode.dbf: Size: 180579 bytes
* NB\_RoadNode.prj: Size: 441 bytes
* NB\_RoadNode.shp: Size: 134696 bytes
* NB\_RoadNode.shx: Size: 24572 bytes
* NC\_RoadLink.dbf: Size: 2488530 bytes
* NC\_RoadLink.prj: Size: 441 bytes
* NC\_RoadLink.shp: Size: 1673964 bytes
* NC\_RoadLink.shx: Size: 31996 bytes
* NC\_RoadNode.dbf: Size: 211082 bytes
* NC\_RoadNode.prj: Size: 441 bytes
* NC\_RoadNode.shp: Size: 157444 bytes
* NC\_RoadNode.shx: Size: 28708 bytes
* ND\_RoadLink.dbf: Size: 3637314 bytes
* ND\_RoadLink.prj: Size: 441 bytes
* ND\_RoadLink.shp: Size: 1600676 bytes
* ND\_RoadLink.shx: Size: 46724 bytes
* ND\_RoadNode.dbf: Size: 302060 bytes
* ND\_RoadNode.prj: Size: 441 bytes
* ND\_RoadNode.shp: Size: 225292 bytes
* ND\_RoadNode.shx: Size: 41044 bytes
* NF\_RoadLink.dbf: Size: 1070802 bytes
* NF\_RoadLink.prj: Size: 441 bytes
* NF\_RoadLink.shp: Size: 537676 bytes
* NF\_RoadLink.shx: Size: 13820 bytes
* NF\_RoadNode.dbf: Size: 95560 bytes
* NF\_RoadNode.prj: Size: 441 bytes
* NF\_RoadNode.shp: Size: 71292 bytes
* NF\_RoadNode.shx: Size: 13044 bytes
* NG\_RoadLink.dbf: Size: 4089714 bytes
* NG\_RoadLink.prj: Size: 441 bytes
* NG\_RoadLink.shp: Size: 2403516 bytes
* NG\_RoadLink.shx: Size: 52524 bytes
* NG\_RoadNode.dbf: Size: 356753 bytes
* NG\_RoadNode.prj: Size: 441 bytes
* NG\_RoadNode.shp: Size: 266080 bytes
* NG\_RoadNode.shx: Size: 48460 bytes
* NH\_RoadLink.dbf: Size: 16914786 bytes
* NH\_RoadLink.prj: Size: 441 bytes
* NH\_RoadLink.shp: Size: 9196724 bytes
* NH\_RoadLink.shx: Size: 216948 bytes
* NH\_RoadNode.dbf: Size: 1390197 bytes
* NH\_RoadNode.prj: Size: 441 bytes
* NH\_RoadNode.shp: Size: 1036784 bytes
* NH\_RoadNode.shx: Size: 188588 bytes
* NJ\_RoadLink.dbf: Size: 34200834 bytes
* NJ\_RoadLink.prj: Size: 441 bytes
* NJ\_RoadLink.shp: Size: 15598884 bytes
* NJ\_RoadLink.shx: Size: 438564 bytes
* NJ\_RoadNode.dbf: Size: 2702062 bytes
* NJ\_RoadNode.prj: Size: 441 bytes
* NJ\_RoadNode.shp: Size: 2015124 bytes
* NJ\_RoadNode.shx: Size: 366468 bytes
* NK\_RoadLink.dbf: Size: 2766834 bytes
* NK\_RoadLink.prj: Size: 441 bytes
* NK\_RoadLink.shp: Size: 1147740 bytes
* NK\_RoadLink.shx: Size: 35564 bytes
* NK\_RoadNode.dbf: Size: 216038 bytes
* NK\_RoadNode.prj: Size: 441 bytes
* NK\_RoadNode.shp: Size: 161140 bytes
* NK\_RoadNode.shx: Size: 29380 bytes
* NL\_RoadLink.dbf: Size: 222786 bytes
* NL\_RoadLink.prj: Size: 441 bytes
* NL\_RoadLink.shp: Size: 105732 bytes
* NL\_RoadLink.shx: Size: 2948 bytes
* NL\_RoadNode.dbf: Size: 18742 bytes
* NL\_RoadNode.prj: Size: 441 bytes
* NL\_RoadNode.shp: Size: 14004 bytes
* NL\_RoadNode.shx: Size: 2628 bytes
* NM\_RoadLink.dbf: Size: 4254450 bytes
* NM\_RoadLink.prj: Size: 441 bytes
* NM\_RoadLink.shp: Size: 2947100 bytes
* NM\_RoadLink.shx: Size: 54636 bytes
* NM\_RoadNode.dbf: Size: 361532 bytes
* NM\_RoadNode.prj: Size: 441 bytes
* NM\_RoadNode.shp: Size: 269644 bytes
* NM\_RoadNode.shx: Size: 49108 bytes
* NN\_RoadLink.dbf: Size: 10667298 bytes
* NN\_RoadLink.prj: Size: 441 bytes
* NN\_RoadLink.shp: Size: 7003732 bytes
* NN\_RoadLink.shx: Size: 136852 bytes
* NN\_RoadNode.dbf: Size: 877369 bytes
* NN\_RoadNode.prj: Size: 441 bytes
* NN\_RoadNode.shp: Size: 654336 bytes
* NN\_RoadNode.shx: Size: 119052 bytes
* NO\_MotorwayJunction.dbf: Size: 404 bytes
* NO\_MotorwayJunction.prj: Size: 441 bytes
* NO\_MotorwayJunction.shp: Size: 364 bytes
* NO\_MotorwayJunction.shx: Size: 148 bytes
* NO\_RoadLink.dbf: Size: 35163666 bytes
* NO\_RoadLink.prj: Size: 441 bytes
* NO\_RoadLink.shp: Size: 15976716 bytes
* NO\_RoadLink.shx: Size: 450908 bytes
* NO\_RoadNode.dbf: Size: 2798586 bytes
* NO\_RoadNode.prj: Size: 441 bytes
* NO\_RoadNode.shp: Size: 2087108 bytes
* NO\_RoadNode.shx: Size: 379556 bytes
* NR\_RoadLink.dbf: Size: 3999234 bytes
* NR\_RoadLink.prj: Size: 441 bytes
* NR\_RoadLink.shp: Size: 2593220 bytes
* NR\_RoadLink.shx: Size: 51364 bytes
* NR\_RoadNode.dbf: Size: 334451 bytes
* NR\_RoadNode.prj: Size: 441 bytes
* NR\_RoadNode.shp: Size: 249448 bytes
* NR\_RoadNode.shx: Size: 45436 bytes
* NS\_MotorwayJunction.dbf: Size: 4382 bytes
* NS\_MotorwayJunction.prj: Size: 441 bytes
* NS\_MotorwayJunction.shp: Size: 3796 bytes
* NS\_MotorwayJunction.shx: Size: 772 bytes
* NS\_RoadLink.dbf: Size: 98069730 bytes
* NS\_RoadLink.prj: Size: 441 bytes
* NS\_RoadLink.shp: Size: 43020596 bytes
* NS\_RoadLink.shx: Size: 1257396 bytes
* NS\_RoadNode.dbf: Size: 7670157 bytes
* NS\_RoadNode.prj: Size: 441 bytes
* NS\_RoadNode.shp: Size: 5720144 bytes
* NS\_RoadNode.shx: Size: 1040108 bytes
* NT\_MotorwayJunction.dbf: Size: 1067 bytes
* NT\_MotorwayJunction.prj: Size: 441 bytes
* NT\_MotorwayJunction.shp: Size: 936 bytes
* NT\_MotorwayJunction.shx: Size: 252 bytes
* NT\_RoadLink.dbf: Size: 50806722 bytes
* NT\_RoadLink.prj: Size: 441 bytes
* NT\_RoadLink.shp: Size: 23131844 bytes
* NT\_RoadLink.shx: Size: 651460 bytes
* NT\_RoadNode.dbf: Size: 4029916 bytes
* NT\_RoadNode.prj: Size: 441 bytes
* NT\_RoadNode.shp: Size: 3005388 bytes
* NT\_RoadNode.shx: Size: 546516 bytes
* NU\_RoadLink.dbf: Size: 4602642 bytes
* NU\_RoadLink.prj: Size: 441 bytes
* NU\_RoadLink.shp: Size: 2108588 bytes
* NU\_RoadLink.shx: Size: 59100 bytes
* NU\_RoadNode.dbf: Size: 370913 bytes
* NU\_RoadNode.prj: Size: 441 bytes
* NU\_RoadNode.shp: Size: 276640 bytes
* NU\_RoadNode.shx: Size: 50380 bytes
* NW\_RoadLink.dbf: Size: 164130 bytes
* NW\_RoadLink.prj: Size: 441 bytes
* NW\_RoadLink.shp: Size: 82356 bytes
* NW\_RoadLink.shx: Size: 2196 bytes
* NW\_RoadNode.dbf: Size: 13019 bytes
* NW\_RoadNode.prj: Size: 441 bytes
* NW\_RoadNode.shp: Size: 9736 bytes
* NW\_RoadNode.shx: Size: 1852 bytes
* NX\_RoadLink.dbf: Size: 15198786 bytes
* NX\_RoadLink.prj: Size: 441 bytes
* NX\_RoadLink.shp: Size: 8194980 bytes
* NX\_RoadLink.shx: Size: 194948 bytes
* NX\_RoadNode.dbf: Size: 1228183 bytes
* NX\_RoadNode.prj: Size: 441 bytes
* NX\_RoadNode.shp: Size: 915960 bytes
* NX\_RoadNode.shx: Size: 166620 bytes
* NY\_MotorwayJunction.dbf: Size: 863 bytes
* NY\_MotorwayJunction.prj: Size: 441 bytes
* NY\_MotorwayJunction.shp: Size: 760 bytes
* NY\_MotorwayJunction.shx: Size: 220 bytes
* NY\_RoadLink.dbf: Size: 32811810 bytes
* NY\_RoadLink.prj: Size: 441 bytes
* NY\_RoadLink.shp: Size: 15893684 bytes
* NY\_RoadLink.shx: Size: 420756 bytes
* NY\_RoadNode.dbf: Size: 2637811 bytes
* NY\_RoadNode.prj: Size: 441 bytes
* NY\_RoadNode.shp: Size: 1967208 bytes
* NY\_RoadNode.shx: Size: 357756 bytes
* NZ\_MotorwayJunction.dbf: Size: 761 bytes
* NZ\_MotorwayJunction.prj: Size: 441 bytes
* NZ\_MotorwayJunction.shp: Size: 672 bytes
* NZ\_MotorwayJunction.shx: Size: 204 bytes
* NZ\_RoadLink.dbf: Size: 109522002 bytes
* NZ\_RoadLink.prj: Size: 441 bytes
* NZ\_RoadLink.shp: Size: 44480524 bytes
* NZ\_RoadLink.shx: Size: 1404220 bytes
* NZ\_RoadNode.dbf: Size: 8503296 bytes
* NZ\_RoadNode.prj: Size: 441 bytes
* NZ\_RoadNode.shp: Size: 6341468 bytes
* NZ\_RoadNode.shx: Size: 1153076 bytes
* SD\_MotorwayJunction.dbf: Size: 3362 bytes
* SD\_MotorwayJunction.prj: Size: 441 bytes
* SD\_MotorwayJunction.shp: Size: 2916 bytes
* SD\_MotorwayJunction.shx: Size: 612 bytes
* SD\_RoadLink.dbf: Size: 146485890 bytes
* SD\_RoadLink.prj: Size: 441 bytes
* SD\_RoadLink.shp: Size: 58377988 bytes
* SD\_RoadLink.shx: Size: 1878116 bytes
* SD\_RoadNode.dbf: Size: 11229155 bytes
* SD\_RoadNode.prj: Size: 441 bytes
* SD\_RoadNode.shp: Size: 8374312 bytes
* SD\_RoadNode.shx: Size: 1522684 bytes
* SE\_MotorwayJunction.dbf: Size: 3311 bytes
* SE\_MotorwayJunction.prj: Size: 441 bytes
* SE\_MotorwayJunction.shp: Size: 2872 bytes
* SE\_MotorwayJunction.shx: Size: 604 bytes
* SE\_RoadLink.dbf: Size: 148106418 bytes
* SE\_RoadLink.prj: Size: 441 bytes
* SE\_RoadLink.shp: Size: 60207260 bytes
* SE\_RoadLink.shx: Size: 1898892 bytes
* SE\_RoadNode.dbf: Size: 11799154 bytes
* SE\_RoadNode.prj: Size: 441 bytes
* SE\_RoadNode.shp: Size: 8799396 bytes
* SE\_RoadNode.shx: Size: 1599972 bytes
* SH\_RoadLink.dbf: Size: 29043474 bytes
* SH\_RoadLink.prj: Size: 441 bytes
* SH\_RoadLink.shp: Size: 14235308 bytes
* SH\_RoadLink.shx: Size: 372444 bytes
* SH\_RoadNode.dbf: Size: 2364877 bytes
* SH\_RoadNode.prj: Size: 441 bytes
* SH\_RoadNode.shp: Size: 1763664 bytes
* SH\_RoadNode.shx: Size: 320748 bytes
* SJ\_MotorwayJunction.dbf: Size: 4586 bytes
* SJ\_MotorwayJunction.prj: Size: 441 bytes
* SJ\_MotorwayJunction.shp: Size: 3972 bytes
* SJ\_MotorwayJunction.shx: Size: 804 bytes
* SJ\_RoadLink.dbf: Size: 200072514 bytes
* SJ\_RoadLink.prj: Size: 441 bytes
* SJ\_RoadLink.shp: Size: 81873988 bytes
* SJ\_RoadLink.shx: Size: 2565124 bytes
* SJ\_RoadNode.dbf: Size: 15692033 bytes
* SJ\_RoadNode.prj: Size: 441 bytes
* SJ\_RoadNode.shp: Size: 11702560 bytes
* SJ\_RoadNode.shx: Size: 2127820 bytes
* SK\_MotorwayJunction.dbf: Size: 1577 bytes
* SK\_MotorwayJunction.prj: Size: 441 bytes
* SK\_MotorwayJunction.shp: Size: 1376 bytes
* SK\_MotorwayJunction.shx: Size: 332 bytes
* SK\_RoadLink.dbf: Size: 159095682 bytes
* SK\_RoadLink.prj: Size: 441 bytes
* SK\_RoadLink.shp: Size: 66106340 bytes
* SK\_RoadLink.shx: Size: 2039780 bytes
* SK\_RoadNode.dbf: Size: 12846640 bytes
* SK\_RoadNode.prj: Size: 441 bytes
* SK\_RoadNode.shp: Size: 9580572 bytes
* SK\_RoadNode.shx: Size: 1742004 bytes
* SM\_RoadLink.dbf: Size: 5825058 bytes
* SM\_RoadLink.prj: Size: 441 bytes
* SM\_RoadLink.shp: Size: 2608020 bytes
* SM\_RoadLink.shx: Size: 74772 bytes
* SM\_RoadNode.dbf: Size: 471154 bytes
* SM\_RoadNode.prj: Size: 441 bytes
* SM\_RoadNode.shp: Size: 351396 bytes
* SM\_RoadNode.shx: Size: 63972 bytes
* SN\_MotorwayJunction.dbf: Size: 200 bytes
* SN\_MotorwayJunction.prj: Size: 441 bytes
* SN\_MotorwayJunction.shp: Size: 188 bytes
* SN\_MotorwayJunction.shx: Size: 116 bytes
* SN\_RoadLink.dbf: Size: 36458466 bytes
* SN\_RoadLink.prj: Size: 441 bytes
* SN\_RoadLink.shp: Size: 18550164 bytes
* SN\_RoadLink.shx: Size: 467508 bytes
* SN\_RoadNode.dbf: Size: 3013818 bytes
* SN\_RoadNode.prj: Size: 441 bytes
* SN\_RoadNode.shp: Size: 2247620 bytes
* SN\_RoadNode.shx: Size: 408740 bytes
* SO\_MotorwayJunction.dbf: Size: 1169 bytes
* SO\_MotorwayJunction.prj: Size: 441 bytes
* SO\_MotorwayJunction.shp: Size: 1024 bytes
* SO\_MotorwayJunction.shx: Size: 268 bytes
* SO\_RoadLink.dbf: Size: 103988370 bytes
* SO\_RoadLink.prj: Size: 441 bytes
* SO\_RoadLink.shp: Size: 46690348 bytes
* SO\_RoadLink.shx: Size: 1333276 bytes
* SO\_RoadNode.dbf: Size: 8450078 bytes
* SO\_RoadNode.prj: Size: 441 bytes
* SO\_RoadNode.shp: Size: 6301780 bytes
* SO\_RoadNode.shx: Size: 1145860 bytes
* SP\_MotorwayJunction.dbf: Size: 2444 bytes
* SP\_MotorwayJunction.prj: Size: 441 bytes
* SP\_MotorwayJunction.shp: Size: 2124 bytes
* SP\_MotorwayJunction.shx: Size: 468 bytes
* SP\_RoadLink.dbf: Size: 164001570 bytes
* SP\_RoadLink.prj: Size: 441 bytes
* SP\_RoadLink.shp: Size: 68145364 bytes
* SP\_RoadLink.shx: Size: 2102676 bytes
* SP\_RoadNode.dbf: Size: 13216275 bytes
* SP\_RoadNode.prj: Size: 441 bytes
* SP\_RoadNode.shp: Size: 9856232 bytes
* SP\_RoadNode.shx: Size: 1792124 bytes
* SR\_RoadLink.dbf: Size: 325122 bytes
* SR\_RoadLink.prj: Size: 441 bytes
* SR\_RoadLink.shp: Size: 161412 bytes
* SR\_RoadLink.shx: Size: 4260 bytes
* SR\_RoadNode.dbf: Size: 23639 bytes
* SR\_RoadNode.prj: Size: 441 bytes
* SR\_RoadNode.shp: Size: 17656 bytes
* SR\_RoadNode.shx: Size: 3292 bytes
* SS\_MotorwayJunction.dbf: Size: 761 bytes
* SS\_MotorwayJunction.prj: Size: 441 bytes
* SS\_MotorwayJunction.shp: Size: 672 bytes
* SS\_MotorwayJunction.shx: Size: 204 bytes
* SS\_RoadLink.dbf: Size: 43820418 bytes
* SS\_RoadLink.prj: Size: 441 bytes
* SS\_RoadLink.shp: Size: 19546180 bytes
* SS\_RoadLink.shx: Size: 561892 bytes
* SS\_RoadNode.dbf: Size: 3465522 bytes
* SS\_RoadNode.prj: Size: 441 bytes
* SS\_RoadNode.shp: Size: 2584484 bytes
* SS\_RoadNode.shx: Size: 469988 bytes
* ST\_MotorwayJunction.dbf: Size: 2189 bytes
* ST\_MotorwayJunction.prj: Size: 441 bytes
* ST\_MotorwayJunction.shp: Size: 1904 bytes
* ST\_MotorwayJunction.shx: Size: 428 bytes
* ST\_RoadLink.dbf: Size: 131450610 bytes
* ST\_RoadLink.prj: Size: 441 bytes
* ST\_RoadLink.shp: Size: 56363420 bytes
* ST\_RoadLink.shx: Size: 1685356 bytes
* ST\_RoadNode.dbf: Size: 10553959 bytes
* ST\_RoadNode.prj: Size: 441 bytes
* ST\_RoadNode.shp: Size: 7870776 bytes
* ST\_RoadNode.shx: Size: 1431132 bytes
* SU\_MotorwayJunction.dbf: Size: 2597 bytes
* SU\_MotorwayJunction.prj: Size: 441 bytes
* SU\_MotorwayJunction.shp: Size: 2256 bytes
* SU\_MotorwayJunction.shx: Size: 492 bytes
* SU\_RoadLink.dbf: Size: 154979778 bytes
* SU\_RoadLink.prj: Size: 441 bytes
* SU\_RoadLink.shp: Size: 66356452 bytes
* SU\_RoadLink.shx: Size: 1987012 bytes
* SU\_RoadNode.dbf: Size: 12555298 bytes
* SU\_RoadNode.prj: Size: 441 bytes
* SU\_RoadNode.shp: Size: 9363300 bytes
* SU\_RoadNode.shx: Size: 1702500 bytes
* SV\_RoadLink.dbf: Size: 218418 bytes
* SV\_RoadLink.prj: Size: 441 bytes
* SV\_RoadLink.shp: Size: 109276 bytes
* SV\_RoadLink.shx: Size: 2892 bytes
* SV\_RoadNode.dbf: Size: 17680 bytes
* SV\_RoadNode.prj: Size: 441 bytes
* SV\_RoadNode.shp: Size: 13212 bytes
* SV\_RoadNode.shx: Size: 2484 bytes
* SW\_RoadLink.dbf: Size: 24293586 bytes
* SW\_RoadLink.prj: Size: 441 bytes
* SW\_RoadLink.shp: Size: 10697196 bytes
* SW\_RoadLink.shx: Size: 311548 bytes
* SW\_RoadNode.dbf: Size: 1969636 bytes
* SW\_RoadNode.prj: Size: 441 bytes
* SW\_RoadNode.shp: Size: 1468908 bytes
* SW\_RoadNode.shx: Size: 267156 bytes
* SX\_MotorwayJunction.dbf: Size: 251 bytes
* SX\_MotorwayJunction.prj: Size: 441 bytes
* SX\_MotorwayJunction.shp: Size: 232 bytes
* SX\_MotorwayJunction.shx: Size: 124 bytes
* SX\_RoadLink.dbf: Size: 52442850 bytes
* SX\_RoadLink.prj: Size: 441 bytes
* SX\_RoadLink.shp: Size: 23736148 bytes
* SX\_RoadLink.shx: Size: 672436 bytes
* SX\_RoadNode.dbf: Size: 4188508 bytes
* SX\_RoadNode.prj: Size: 441 bytes
* SX\_RoadNode.shp: Size: 3123660 bytes
* SX\_RoadNode.shx: Size: 568020 bytes
* SY\_RoadLink.dbf: Size: 17288562 bytes
* SY\_RoadLink.prj: Size: 441 bytes
* SY\_RoadLink.shp: Size: 7599292 bytes
* SY\_RoadLink.shx: Size: 221740 bytes
* SY\_RoadNode.dbf: Size: 1397100 bytes
* SY\_RoadNode.prj: Size: 441 bytes
* SY\_RoadNode.shp: Size: 1041932 bytes
* SY\_RoadNode.shx: Size: 189524 bytes
* SZ\_RoadLink.dbf: Size: 24968130 bytes
* SZ\_RoadLink.prj: Size: 441 bytes
* SZ\_RoadLink.shp: Size: 10165988 bytes
* SZ\_RoadLink.shx: Size: 320196 bytes
* SZ\_RoadNode.dbf: Size: 1974356 bytes
* SZ\_RoadNode.prj: Size: 441 bytes
* SZ\_RoadNode.shp: Size: 1472428 bytes
* SZ\_RoadNode.shx: Size: 267796 bytes
* TA\_MotorwayJunction.dbf: Size: 149 bytes
* TA\_MotorwayJunction.prj: Size: 441 bytes
* TA\_MotorwayJunction.shp: Size: 144 bytes
* TA\_MotorwayJunction.shx: Size: 108 bytes
* TA\_RoadLink.dbf: Size: 30776322 bytes
* TA\_RoadLink.prj: Size: 441 bytes
* TA\_RoadLink.shp: Size: 12527844 bytes
* TA\_RoadLink.shx: Size: 394660 bytes
* TA\_RoadNode.dbf: Size: 2456032 bytes
* TA\_RoadNode.prj: Size: 441 bytes
* TA\_RoadNode.shp: Size: 1831644 bytes
* TA\_RoadNode.shx: Size: 333108 bytes
* TF\_RoadLink.dbf: Size: 45979458 bytes
* TF\_RoadLink.prj: Size: 441 bytes
* TF\_RoadLink.shp: Size: 19465988 bytes
* TF\_RoadLink.shx: Size: 589572 bytes
* TF\_RoadNode.dbf: Size: 3710254 bytes
* TF\_RoadNode.prj: Size: 441 bytes
* TF\_RoadNode.shp: Size: 2766996 bytes
* TF\_RoadNode.shx: Size: 503172 bytes
* TG\_RoadLink.dbf: Size: 25657026 bytes
* TG\_RoadLink.prj: Size: 441 bytes
* TG\_RoadLink.shp: Size: 10675460 bytes
* TG\_RoadLink.shx: Size: 329028 bytes
* TG\_RoadNode.dbf: Size: 2044271 bytes
* TG\_RoadNode.prj: Size: 441 bytes
* TG\_RoadNode.shp: Size: 1524568 bytes
* TG\_RoadNode.shx: Size: 277276 bytes
* TL\_MotorwayJunction.dbf: Size: 2138 bytes
* TL\_MotorwayJunction.prj: Size: 441 bytes
* TL\_MotorwayJunction.shp: Size: 1860 bytes
* TL\_MotorwayJunction.shx: Size: 420 bytes
* TL\_RoadLink.dbf: Size: 120936210 bytes
* TL\_RoadLink.prj: Size: 441 bytes
* TL\_RoadLink.shp: Size: 51680684 bytes
* TL\_RoadLink.shx: Size: 1550556 bytes
* TL\_RoadNode.dbf: Size: 9894693 bytes
* TL\_RoadNode.prj: Size: 441 bytes
* TL\_RoadNode.shp: Size: 7379120 bytes
* TL\_RoadNode.shx: Size: 1341740 bytes
* TM\_RoadLink.dbf: Size: 39144162 bytes
* TM\_RoadLink.prj: Size: 441 bytes
* TM\_RoadLink.shp: Size: 16799764 bytes
* TM\_RoadLink.shx: Size: 501940 bytes
* TM\_RoadNode.dbf: Size: 3149223 bytes
* TM\_RoadNode.prj: Size: 441 bytes
* TM\_RoadNode.shp: Size: 2348600 bytes
* TM\_RoadNode.shx: Size: 427100 bytes
* TQ\_MotorwayJunction.dbf: Size: 3209 bytes
* TQ\_MotorwayJunction.prj: Size: 441 bytes
* TQ\_MotorwayJunction.shp: Size: 2784 bytes
* TQ\_MotorwayJunction.shx: Size: 588 bytes
* TQ\_RoadLink.dbf: Size: 280909842 bytes
* TQ\_RoadLink.prj: Size: 441 bytes
* TQ\_RoadLink.shp: Size: 115367148 bytes
* TQ\_RoadLink.shx: Size: 3601500 bytes
* TQ\_RoadNode.dbf: Size: 21973232 bytes
* TQ\_RoadNode.prj: Size: 441 bytes
* TQ\_RoadNode.shp: Size: 16386844 bytes
* TQ\_RoadNode.shx: Size: 2979508 bytes
* TR\_MotorwayJunction.dbf: Size: 557 bytes
* TR\_MotorwayJunction.prj: Size: 441 bytes
* TR\_MotorwayJunction.shp: Size: 496 bytes
* TR\_MotorwayJunction.shx: Size: 172 bytes
* TR\_RoadLink.dbf: Size: 22666818 bytes
* TR\_RoadLink.prj: Size: 441 bytes
* TR\_RoadLink.shp: Size: 9701572 bytes
* TR\_RoadLink.shx: Size: 290692 bytes
* TR\_RoadNode.dbf: Size: 1786854 bytes
* TR\_RoadNode.prj: Size: 441 bytes
* TR\_RoadNode.shp: Size: 1332596 bytes
* TR\_RoadNode.shx: Size: 242372 bytes
* TV\_RoadLink.dbf: Size: 1561890 bytes
* TV\_RoadLink.prj: Size: 441 bytes
* TV\_RoadLink.shp: Size: 621972 bytes
* TV\_RoadLink.shx: Size: 20116 bytes
* TV\_RoadNode.dbf: Size: 113968 bytes
* TV\_RoadNode.prj: Size: 441 bytes
* TV\_RoadNode.shp: Size: 85020 bytes
* TV\_RoadNode.shx: Size: 15540 bytes
* Total Folder Size: 3898977821 bytes

# Shapefile Analysis:

* Geometry Type: LineString
* Number of Records: 3926160
* Features/Attributes: fictitious, identifier, class, roadNumber, name1, name1\_lang, name2, name2\_lang, formOfWay, length, primary, trunkRoad, loop, startNode, endNode, structure, nameTOID, numberTOID, function, formOfNode, number, geometry
* Coordinate Reference System (CRS): EPSG:4326
* File Size: 811176532 bytes

column ['function'] has the following unique values: ['Restricted Local Access Road' 'Minor Road' 'Local Road' 'B Road'  
 'Local Access Road' 'A Road' 'Secondary Access Road' 'Motorway']

# GeoJSON Sample Data

Sample GeoJSON content:

{  
"type": "FeatureCollection",  
"name": "sample",  
"crs": { "type": "name", "properties": { "name": "urn:ogc:def:crs:OGC:1.3:CRS84" } },  
"features": [  
{ "type": "Feature", "properties": { "fictitious": "false", "identifier": "891C021C-EC0E-46FF-8663-E67DC3D28957", "class": "Unknown", "roadNumber": null, "name1": null, "name1\_lang": null, "name2": null, "name2\_lang": null, "formOfWay": "Single Carriageway", "length": 625.0, "primary": "false", "trunkRoad": "false", "loop": "false", "startNode": "23D6DF4F-6A11-4E06-BADA-4D41817A3113", "endNode": "CE333E63-2022-4B2D-9780-8C96A929403B", "structure": null, "nameTOID": null, "numberTOID": null, "function": "Restricted Local Access Road", "formOfNode": null, "number": null }, "geometry": { "type": "LineString", "coordinates": [ [ -0.80653825617035, 60.809790545242556, 0.0 ], [ -0.804862120718166, 60.81085518227389, 0.0 ], [ -0.802661570460065, 60.811748747480593, 0.0 ], [ -0.802595476742215, 60.811805623614916, 0.0 ], [ -0.802212776800764, 60.812134881784736, 0.0 ], [ -0.800131419076096, 60.813488740838395, 0.0 ], [ -0.799591567307196, 60.81417448834511, 0.0 ] ] } },  
{ "type": "Feature", "properties": { "fictitious": "false", "identifier": "6231DEF6-E614-400F-B004-0220673DDB84", "class": "Unclassified", "roadNumber": null, "name1": null, "name1\_lang": null, "name2": null, "name2\_lang": null, "formOfWay": "Single Carriageway", "length": 225.0, "primary": "false", "trunkRoad": "false", "loop": "false", "startNode": "0202BB48-85BE-4083-836A-1653FC4D36F4", "endNode": "9C3A4A1C-A4F3-4732-98CB-8A856127159F", "structure": null, "nameTOID": null, "numberTOID": null, "function": "Minor Road", "formOfNode": null, "number": null }, "geometry": { "type": "LineString", "coordinates": [ [ -0.802308096904705, 60.803653966167907, 0.0 ], [ -0.80284802079928, 60.803752518633573, 0.0 ], [ -0.802951155393387, 60.803800756611054, 0.0 ], [ -0.803470998181306, 60.80404359862267, 0.0 ], [ -0.804389157622911, 60.804314316877793, 0.0 ], [ -0.80458221

# Plots of Data:

First 10 rows of data:

A map of a body of water

Description automatically generated

First row of data:

A map of a beach

Description automatically generated