```
"dataset" : {
   'subjects" : [
      // The output of the export includes one record for each local authority whose label starts with 'E090'.
      // Effectively this will export one record for each of the London Boroughs.
      "subjectType" : "localAuthority",
      "provider":"uk.gov.ons",
      "matchRule": {
       "attribute": "label",
       "pattern": "E090%"
  "datasources" : [
      // Importer for importing the geographic areas of local authorities
      "importerClass" : "uk.org.tombolo.importer.ons.OaImporter",
      "datasourceId": "localAuthority"
                                                    "datasource" for "subjects"
    {
      // Importer for DfT traffic counts in London
      "importerClass": "uk.org.tombolo.importer.dft.TrafficCountImporter",
      "datasourceId" : "trafficCounts",
      "geographyScope" : ["London"]
                                             "datasources" for "fields"
   {
      // Importer for air quality
      "importerClass" : "uk.org.tombolo.importer.lac.LAQNImporter",
      "datasourceId": "airQualityControl"
  "fields" : [
      "fieldClass": "uk.org.tombolo.field.aggregation.GeographicAggregationField",
      "label": "NitrogenDioxide",
      "subject": {
        "provider": "erg.kcl.ac.uk",
        "subjectType": "airQualityControl"
      "function": "mean".
     "field": {
        "fieldClass": "uk.org.tombolo.field.value.LatestValueField",
        "attribute": {
          "provider" : "erg.kcl.ac.uk",
          "label" : "NO2 40 ug/m3 as an annual me"
      "fieldClass": "uk.org.tombolo.field.transformation.ArithmeticField",
      "label": "BicycleFraction",
      "operation": "div",
      "field1": {
        "fieldClass": "uk.org.tombolo.field.aggregation.GeographicAggregationField",
       "label": "BicycleCount",
        "subject": {
          "provider": "uk.gov.dft",
         "subjectType": "trafficCounter"
       }.
        "function": "sum",
       "field": {
         "fieldClass": "uk.org.tombolo.field.value.LatestValueField",
          "attribute": {
            "provider" : "uk.gov.dft",
            "label" : "CountPedalCycles"
       "fieldClass": "uk.org.tombolo.field.aggregation.GeographicAggregationField",
        "label": "CarCount",
        "subject": {
          "provider": "uk.gov.dft",
         "subjectType": "trafficCounter"
        "function": "sum"
       "field": {
          "fieldClass": "uk.org.tombolo.field.value.LatestValueField",
          "attribute": {
            "provider": "uk.gov.dft",
            "label": "CountCarsTaxis'
"exporter" : "uk.org.tombolo.exporter.GeoJsonExporter"
```

Identify the "subjects" over which you want your data to be exported. Imagine the "subjects" corresponding to rows in a table. These are often geographical entities e.g. LSOAs but can also be tweets or hospitals.

Identify the "datasources" needed to provide the "subjects" AND the "datasources" needed for your "fields".

Identify the "fields" you want in your data. Imagine the "fields" corresponding to columns in a table.

Here we specify three fields but two are used in the generation of a new "ArithmeticField" and so the output file would have two columns:

"NitrogenDioxide" and "BicycleFraction"

In this yellow box we specify a new field by summing two new fields. NOTE: point 5 is at the bottom of the page!

Once we have created these new fields we divide "field1" ("BicycleCount") by "field2" ("CarCount") to generate a new field "BicycleFraction" which will be exported along with "NitrogenDioxide".

Note that we have to specify that "trafficCounter" is the subject over which the data currently exist (in this case the data have a geography which is a point in Latitude/Longitude). The Digital Connector will then aggregate these "trafficCounter" subjects to Local Authority level.

First we specify the two new fields. These fields are summations of the number of "CountPedalCycles" and the number of "CountCarsTaxis" for each "trafficCounter" in each "localAuthority" respectively.