Table 2: Data platform providers

Platform	Self-service data store for 3rd party data providers	Access to individual data sources published by others	Access to unified, clean and accurate data feeds as a service	Trust in consistency, geographic interoperability and timeliness of data provided by others	Can process, publish and licence data for others	Self-service analytics tools	Can advertise, set charges / criteria for use of data
BaseMap http://www.basemap.co.uk/ tools to work with data such as DfT's Trafficmaster national data set of traffic flow, density and speed	✗	✔	✔	High	✗	✔	✗
Data.gov.uk Recently revamped searchable catalogue of a large number of public datasets	✗ii	✔	✗	Low	✔	✗	✗
Highways England WebTRIS http://webtris.highwaysengland.co.uk/ Speed at junctions at 15-minute intervals across the Strategic Road Network taken from MIDAS loops and other sensors	✗	✗	✔	High	✗	✗	✗
ITO World http://www.itoworld.com/ Aggregator of static and real time multi-modal transport data for journey planning apps, transport operators, authorities and consultancies in the UK and key metropolitan areas around the world	✔	✔iii	✔	High	✔	✗	✗
oneTRANSPORT https://onetransport.io Data aggregation platform for open sharing of real-time sensor data including traffic movements (speed and flow), parking and city IoT device data	✔	✔iv	✔v	N/Avi	✔	✗	✔
OpenDataSoft http://opendatasoft.com/ Data publishing and sharing platform that makes data explorable and reusable via APIs	✔	✔	✔	N/Avii	✔	✔	✔
Ordnance Survey http://www.ordnancesurvey.co.uk and related sites e.g. OS MasterMap and GeoPlace	✗	✔	✔	High	✗	✗	✗
roadworks.org https://www.elgin.org.uk/ Data aggregation platform providing data on current and planned roadworks and streetworks, diversions, closures, winter gritting routes, live congestion, incidents and accidents, information from traffic cameras and signs. Professional view combines with real-time traffic view	✔	✔	✔	High	✔	✔	✗
Transport Scotland – Traffic Scotland https://trafficscotland.org/developerarea/ Traffic status and other road data in Scotland in DATEX II format	✗	✗	✔	High	✗	✗	✗
Traveline National Dataset http://www.traveline.info/ Data aggregation platform providing bus, coach, tram, ferry, light rail and rail data	✗	✔	✔	High	✔	✗	✗
TransportAPI http://www.transportapi.com Data aggregation platform with many types of transport data including buses and trains. Full-service with data sets that can drive apps. Provides live departures and arrivals, timetables, journey planning, tweet mapping, performance indicators and fares for the whole of UK public transport	✔	✔	✔	High	✔	✗	✗
Transport Systems Catapult Intelligent Mobility Data Hub https://ts.catapult.org.uk/innovation-centre/imdh/ Managed data catalogue of transport data sets for research use by planners, modellers and academics	✔	✗viii	✗	Low	✗	✗	✗
Urban Big Data Centre http://ubdc.ac.uk/data-services/data-catalogue/transport-data/ Aggregates anonymised data from Strava users in Scotland and the North East of England. Strava is a social network for athletes, recording data from its users who upload cycle rides and running activity via smartphone or GPS device	✔	✗ix	✗	Low	✗	✗x	✗
Urban Transport Group Data Hub http://www.urbantransportgroup.org/insight The Urban Transport Group brings together and promotes the interests of Britain's largest urban areas on transport	✗	✔	✔	Med-High	✗	✔	✗
Zipabout Transport Graphxi http://www.transportgraph.uk/ Data aggregation and communications platform which combines static, operational and behavioural data in real time to predict and manage transport network flow. Enables disruption dissipation, door to door wayfinding, personalised two-way customer service and smart city planning	✔	✔	✔	High	✔	✔	✗

i   Taken from the platform's website or preferably hi/print res
ii   Inclusion and metadata governed by public sector organisation responsible
iii   ITO provide the pipework for others to do this
iv   With user account
v   As independent data feeds from each publisher
vi   Dependent on publisher
vii   High for provided data, N/A for data uploaded by users
viii   Managed access on request
ix   Managed access on request
x   No tools, but research expertise
xi   Designed for local authorities