

To see row/column explanations, please see full catalog.

https://s3.us-east-2.amazonaws.com/smartsa-datathon-catalog/Datathon_data_catalog_ALL-1.xlsx

Name of the data set	Organization	Brief description of the data set	Link to access the data (AWS S3)	External links to the data / More information
Water Outages	SAWS	Data contains locations and outages, duration and reason	https://s3.us-east-2.amazonaws.com/smartsa-datathon-saws/SAWS_Water_Outage.gdb.zip	
Water Outage Schema	SAWS		https://s3.us-east-2.amazonaws.com/smartsa-datathon-saws/WaterOutageSchema.xlsx	
Water Outage Table	SAWS		https://s3.us-east-2.amazonaws.com/smartsa-datathon-saws/Water_Outage_Table.xls	
Water Pumpage	SAWS	Rainfall, pumpage and well level data on a daily basis	https://s3.us-east-2.amazonaws.com/smartsa-datathon-saws/PumpageData06122018.xlsx	
Affordability	SAWS	Customers currently utilizing affordability assistance as, type, level and location, by zip code	https://s3.us-east-2.amazonaws.com/smartsa-datathon-saws/AcctPrograms_SAWS.xlsx	File Updated 9/18
Consumption	SAWS	Consumption, in CF? by customer, type of customer and date	https://s3.us-east-2.amazonaws.com/smartsa-datathon-saws/Cons_Extract2017WR_Anon.csv	
Rate Tiers	SAWS	Billing rate tiers and categories	https://s3.us-east-2.amazonaws.com/smartsa-datathon-saws/2018+Rate+Schedules.pdf	
TCI Daily Work Order	CoSA	This excel file contains Street Maintenance work order information from Jan 1, 2017 to August 13, 2018. Data is summarized by work order and	https://s3-us-west-2.amazonaws.com/smartsa-datathon-city/DWR_Data_for_Innovation_2018-08-13.xlsx	

		only contains those work orders that crew data has been inputted by staff. There may be other work that staff has not inputted into the system.		
TCI Daily Work Order	CoSA	This tab contains the work order information and the related cost data. The key field is the WO ID field.	Tab: WO and Cost Data	
TCI Daily Work Order	CoSA	This tab contains the performance related data (number of pot holes filled, length of guard rail fixed, etc.). The key field is the WO ID field. Note that there may be more than one type of work for each work order (one to many) so be careful tying it to the WO and Cost Data Tab.	Tab: Performance Data	
311 Calls Data	CoSA	Information on cases opened as result of citizen calls to 311. Data dictionary that includes details on each column provided in file 311DataExtractDataDictionary.	https://s3-us-west-2.amazonaws.com/smartsa-datathon-city/311_Data.zip	
DSD Permits	CoSA	Permits issued, submitted & inspections issued from the Development Services Dept.	https://s3-us-west-2.amazonaws.com/smartsa-datathon-city/DSD_Permits.zip	
All permits issued from the Development Services Office	CoSA	Permits issued and not issued by Development Services Department. Zip file includes data dictionary with detailed explanation of the columns.	https://s3-us-west-2.amazonaws.com/smartsa-datathon-city/DSD_Permits.zip	data.sanantonio.gov

Right of Way Permit History	CoSA	Three years' worth of information about Right of Way Permits.	https://s3-us-west-2.amazonaws.com/smartsa-datathon-city/ROWData.xlsx	File Added 9/19
Bike Share Data	SA Bike Share	Usage details from the bike share program for years 2013 through first half of 2018.	https://s3-us-west-2.amazonaws.com/smartsa-datathon-city/Bike_Share_Data.zip	
Streets and Sidewalks Inventory	CoSA	Application files exported from ArcGIS. Files with .dbf extension can be opened in Excel and contain various data, including index signifying condition of the streets and sidewalks.	https://s3-us-west-2.amazonaws.com/smartsa-datathon-city/Streets_and_Sidewalks.zip	https://s3-us-west-2.amazonaws.com/smartsa-datathon-city/Streets_Sidewalks_Historical_5yrData.zip
Air Quality	CPS Energy	A write up about this data is available on the AWS S3. This Data set has air quality sensor data from from 10 sensors across San Antonio which collects data every hour. You need to download the data from the weblink provided	https://s3.us-east-2.amazonaws.com/smartsa-datathon-cps/Air+Quality+Data+.docx	https://www.tceq.texas.gov/cgi-bin/compliance/monops/select_summary.pl?region=13
Power Prices	CPS Energy		https://s3.us-east-2.amazonaws.com/smartsa-datathon-cps/Price_2017_CPS.csv	http://www.ercot.com/mktinfo
Load/ Power usage data	CPS Energy		https://s3.us-east-2.amazonaws.com/smartsa-datathon-cps/Residential_Power_usage+-+1yr/Power+Usage+Data+.docx	

EV Charge station data	CPS Energy		https://s3.us-east-2.amazonaws.com/smartsa-datathon-cps/EVChargingData3yrs.xlsx	
Weather Data	CPS Energy	Weather Data with various details and measured at different altitudes from ground up		http://home.chpc.utah.edu/~u0553130/Brian_Blalock/hrrr_script_tips.html
VIA Metropolitan Transit GTFS Data	VIA Metropolitan Transit	The General Transit Feed Specification (GTFS), also known as GTFS static or static transit to differentiate it from the GTFS realtime extension, defines a common format for public transportation schedules and associated geographic information. GTFS "feeds" let public transit agencies publish their transit data and developers write applications that consume that data in an interoperable way.	http://www.viainfo.net/BusService/google_transit.zip	https://www.viainfo.net/developers-resources/
VIA Metropolitan Transit GTFSRT Real Time Feed	VIA Metropolitan Transit	GTFS Realtime is a feed specification that allows public transportation agencies to provide realtime updates about their fleet to application developers. It is an extension to GTFS (General Transit Feed Specification), an open data format for public transportation schedules and associated geographic information. GTFS Realtime was designed around ease of implementation, good	http://gtfs.viainfo.net/gtfs-realtime/trapezerealtimfeed.pb	https://developers.google.com/transit/gtfs-realtime/

		GTFS interoperability and a focus on passenger information.		
VIA Metropolitan Transit GTFSRT - Trip Updates	VIA Metropolitan Transit		http://gtfs.viainfo.net/tripupdate/tripupdates.pb	https://developers.google.com/transit/gtfs/
VIA Metropolitan Transit GTFSRT - Vehicle Positions	VIA Metropolitan Transit		http://gtfs.viainfo.net/vehicle/vehiclepositions.pb	
VIA Metropolitan Transit GTFSRT - Service Alerts	VIA Metropolitan Transit		http://gtfs.viainfo.net/alert/alerts.pb	
OneBusAway API	VIA Metropolitan Transit	API calls: code20185343c444aa543454123	http://developer.onebusaway.org/modules/onebusaway-application-modules/1.1.14/api/where/index.html	

Water Quality Sample Data	SARA	Multiple water quality data parameters collected from SARA operated sampling stations within Bexar County from 2015-2018. (220 total fields)	https://s3.us-east-2.amazonaws.com/smartsa-datathon-sara/waterqualitydata.csv	
Rainfall Gauge Data (Dams Telemetry)	SARA	Automated data stream of rainfall amounts at SARA owned and operated dams.	https://s3.us-east-2.amazonaws.com/smartsa-datathon-sara/dams_telemetry_data_dictionary.xlsx	https://gis.sara-tx.org/ags1/rest/services/Web_Apps/floodworks_webapp_sara_gages/MapServer/0
WQ Data Dictionary	SARA		https://s3.us-east-2.amazonaws.com/smartsa-datathon-sara/WQDataDictionary_E_11_9_12.pdf	