For using Google earth engine to find the NDVI values and Area under crop the following steps were taken care of:
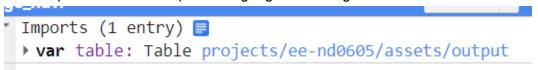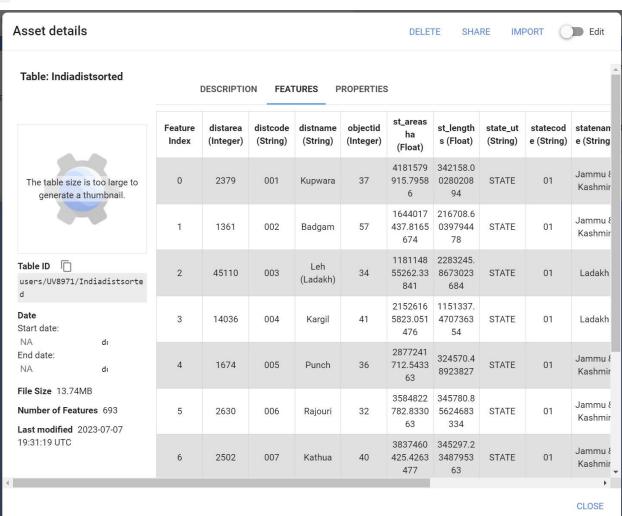
- The district shape file was downloaded using the link: https://www.kaggle.com/datasets/imdevskp/india-district-wise-shape-files?resource=download&select=output.shp
- This shape file was then imported to google earth engine which can be seen here:


```
Imports (1 entry) 📄
  ▶ var table: Table projects/ee-nd0605/assets/output
```

Asset details

DELETE   SHARE   IMPORT   ⚪ Edit

Table: Indiadistsorted

DESCRIPTION   **FEATURES**   PROPERTIES

The table size is too large to generate a thumbnail.

Table ID 📋
users/UV8971/Indiadistsorted

Date
Start date:
NA
End date:
NA

File Size 13.74MB

Number of Features 693

Last modified 2023-07-07 19:31:19 UTC

Feature Index	distarea (Integer)	distcode (String)	distname (String)	objectid (Integer)	st_areasha (Float)	st_lengths (Float)	state_ut (String)	statecode (String)	statename e (String)
0	2379	001	Kupwara	37	4181579 915.7958 6	342158.0 0280208 94	STATE	01	Jammu & Kashmir
1	1361	002	Badgam	57	1644017 437.8165 674	216708.6 0397944 78	STATE	01	Jammu & Kashmir
2	45110	003	Leh (Ladakh)	34	1181148 55262.33 841	2283245. 8673023 684	STATE	01	Ladakh
3	14036	004	Kargil	41	2152616 5823.051 476	1151337. 4707363 54	STATE	01	Ladakh
4	1674	005	Punch	36	2877241 712.5433 63	324570.4 8923827	STATE	01	Jammu & Kashmir
5	2630	006	Rajouri	32	3584822 782.8330 63	345780.8 5624683 334	STATE	01	Jammu & Kashmir
6	2502	007	Kathua	40	3837460 425.4263 477	345297.2 3487953 63	STATE	01	Jammu & Kashmir

CLOSE

N   **FEATURES**   PROPERTIES

distcode (String)	distname (String)	objectid (Integer)	st_areasha (Float)	st_lengths (Float)	state_ut (String)	statecode (String)	statename (String)	system:index (String)	totalhh (Integer)	totalpopul (Integer)	totpopfema (Integer)	totpopmale (Integer)
001	Kupwara	37	4181579915.79586	342158.0028020894	STATE	01	Jammu & Kashmir		113929	870354	396164	474190
002	Badgam	57	1644017437.8165674	216708.603979478	STATE	01	Jammu & Kashmir		103363	753745	355704	398041
003	Leh (Ladakh)	34	118114855262.33841	2283245.8673023684	STATE	01	Ladakh		21909	133487	54516	78971
004	Kargil	41	21526165823.051476	1151337.470736354	STATE	01	Ladakh		18338	140802	63017	77785
005	Punch	36	2877241712.543363	324570.48923827	STATE	01	Jammu & Kashmir		90261	476835	224936	251899
006	Rajouri	32	3584822782.833063	345780.85624683334	STATE	01	Jammu & Kashmir		130401	642415	297064	345351
007	Kathua	40	3837460425.4263477	345297.234879563	STATE	01	Jammu & Kashmir		119583	616435	290326	326109
			2862769	341439.8								

CLOSE