STC COVID-19 South Africa Dataset

This data repository stores COVID-19 virus case in multi-scale based on ISO standard.

Field description

Daily data

Aa Attribute Name	Description	Format
Province	The name for the province.	string
hasc	This will represent the Hierarchical administrative subdivision codes (HASC) for admin 1 level.	string
confirmed	The number of confirmed cases.	integer
death	The number of death cases.	integer
recovered	The number of recovered cases.	integer

Daily data provides automatically updated information of COVID-19 cases, and related attributes daily.

Summary data

Aa Attribute Name	Description	Format
hasc	This will represent the Hierarchical administrative subdivision codes (HASC) for admin 1 level.	This will represent the Hierarchical administrative subdivision codes (HASC) for admin 1 level. string
Province	The name for the province.	string
date	The date representing the current day in which the data represents. UTC time is used for this dataset, all values will calculated before the end of UTC time of the date.	Date (YYYY/MM/DD) in UTC

Summary data records the COVID-19 cases, and related attributes, to show the timeline of cases.

Data Sources

- Access Data Source

  https://github.com/dsfsi/covid19za

- Validation Data Souce

  https://dsfsi.github.io/covid19za-dash/

- Formatted Data Source

  https://github.com/stccenter/COVID-19-Data

People Contribution & Credit

- Phil Yang, PI and supervisor.
- Wendy Guan, Co-PI
- Shuming Bao, collaborator
- Dexuan Sha, project leader, metadata and standard design, crawler and ETL development.
- Yi Liu, data crawler.
- Yifei Tian, data crawler, data report generation and quality control.
- Fayez Beaini, data source collection and evaluation, quality control.
- Akhil Kumar, data validation.
- Andrew Ding, data validation.
- Jerry Sun, data validation.
- Swetha Bhattaram, data validation.
- Yogya Kalra, data validation.
- Tao Hu, cooperation leader from Harvard University and China Data Lab.
- Yun Li, GitHub management, data report generation.

Disclaimer

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