





SDMX Implementation in GCC -STAT

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About GCC STAT SDMX Trip Marsa **Statistical Functions Achievements Going Forward**

About GCC STAT

Gulf Corporation Council Statistical Office

Who We are?

✓ The establishment of GCC Stat was approved by the GCC Ministerial Council in September 2011.

- ✓ The Charter was officially endorsed in December 2012 by the GCC Supreme Council (comprised of heads of member states: United Arab Emirates, Kingdom of Bahrain, Kingdom of Saudi Arabia, Sultanate of Oman, State of Qatar and State of Kuwait).
- ✓ Located in Muscat, Sultanate of Oman.
 - **Develop, coordinate and harmonize statistics** in the member countries, to reach sound GCC aggregates.
 - Provide the high quality statistical and knowledge • products and services necessary to support the ambitious GCC Agenda and development processes in member countries.
 - Support monitoring the implementation of the GCC • strategies, laws and agreements.
 - Highlight the GCC countries as a unified economic, social and environmental Entity.
 - Provide up-to-date data for GCC citizens and other • users.

A cooperative partnership between the National Statistical Systems and GCC-Stat, powered by the Standing Committee for **Statistical Affairs**



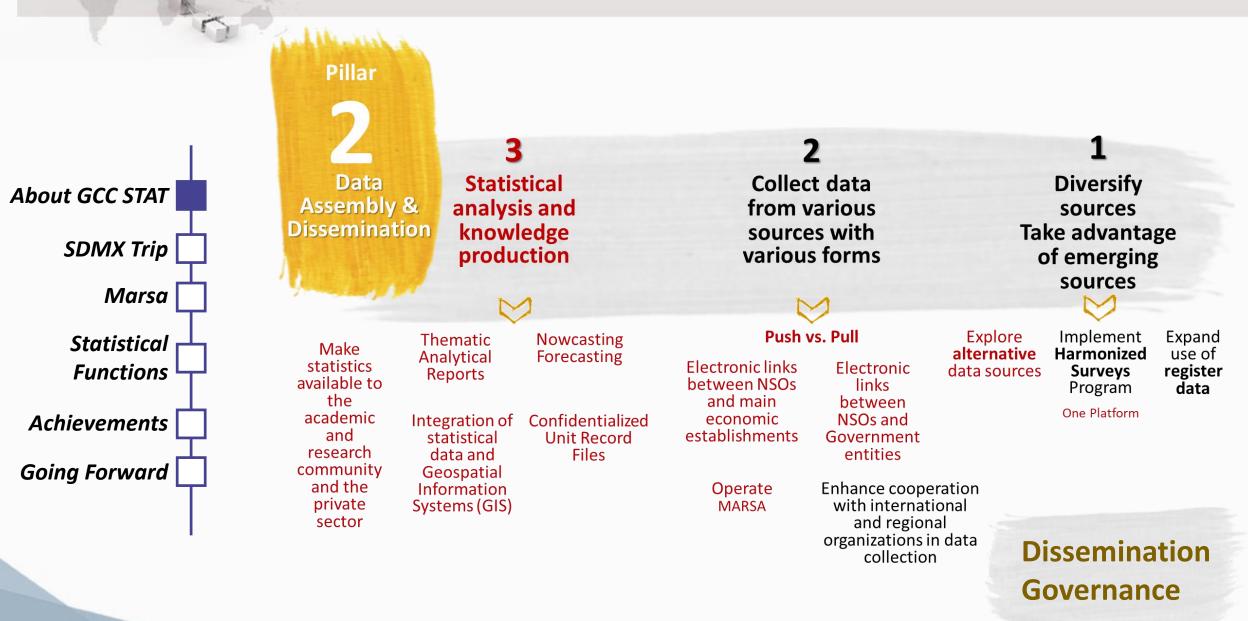
SDMX Trip Marsa **Statistical Functions Achievements Going Forward**

About GCC STAT

GCC Statistical Cooperation and Key Partners



GCC Statistical Strategy 2021-2025

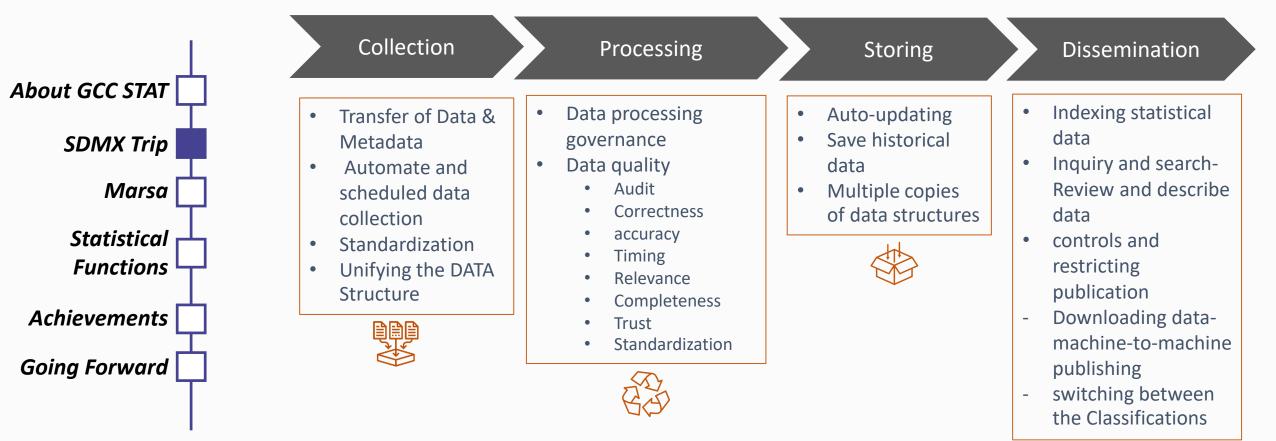


SDMX Trip in GCCSTAT



Our Benefits

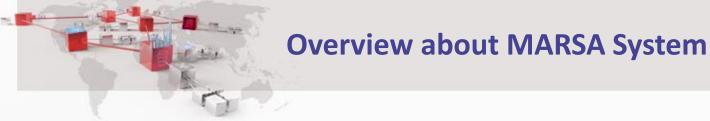
Statistical Data and Metadata eXchange (SDMX)







Overview about MARSA Project





About GCC STAT SDMX Trip Marsa **Statistical Functions** Achievements **Going Forward**

An automated data collection, storage and dissemination system

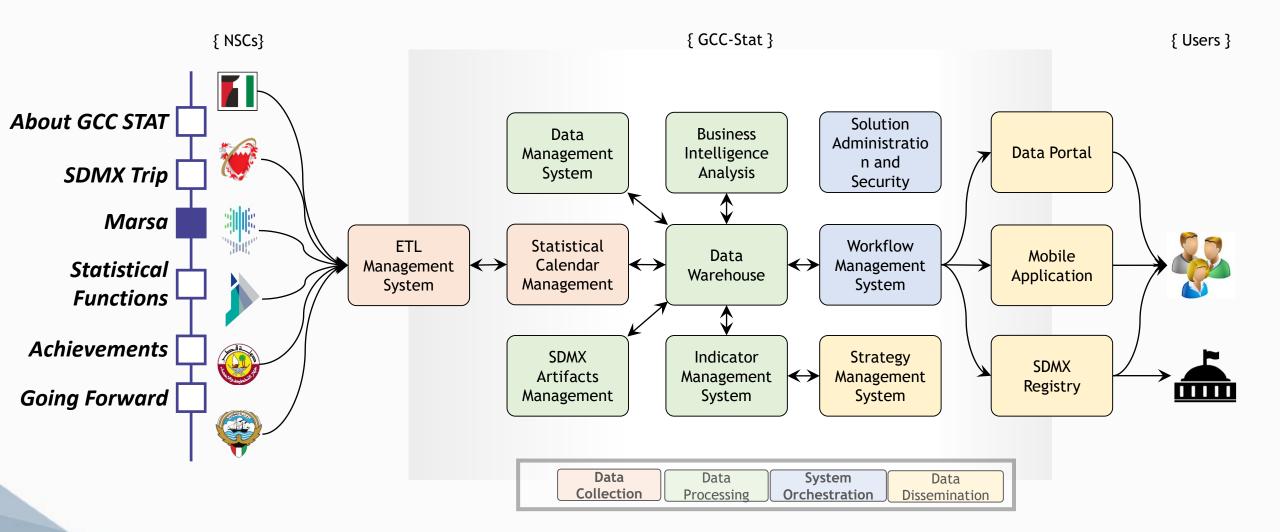
□ Platform used by GCCSTAT as the core business solution.

□ Its main functionality to provide "end-to-end" official statistics management in response to dynamic internal and external stakeholders needs.

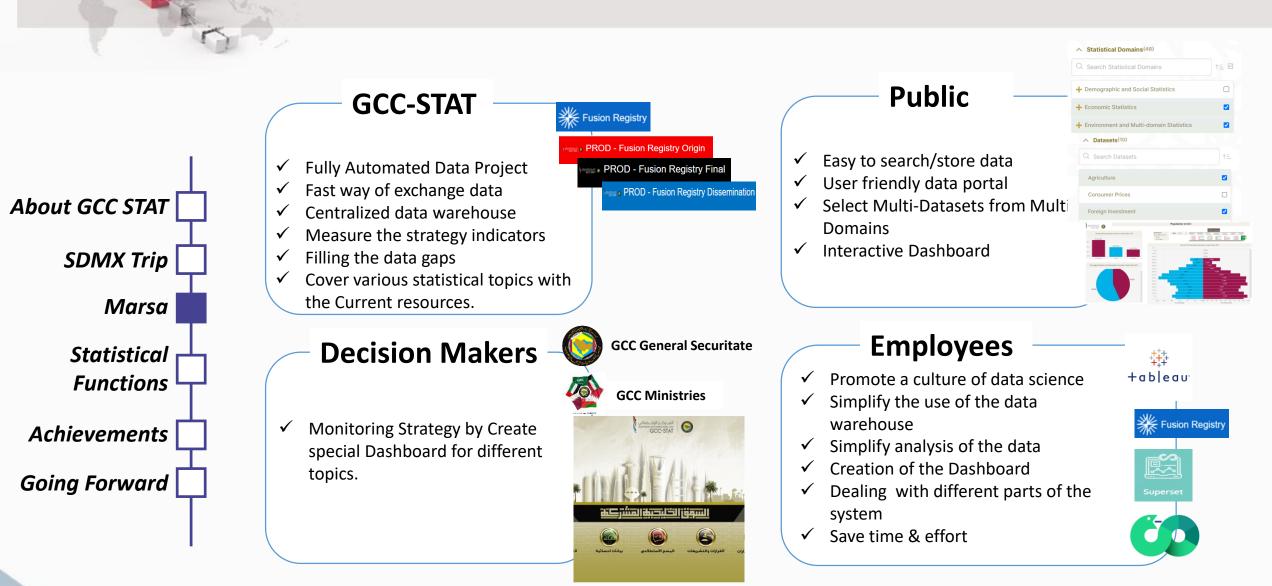
Its delivered a variety of services through the deployment of multiple integrated applications and tools.

□ Integrated system between GCCSTAT and the data source

Marsa Platform Components



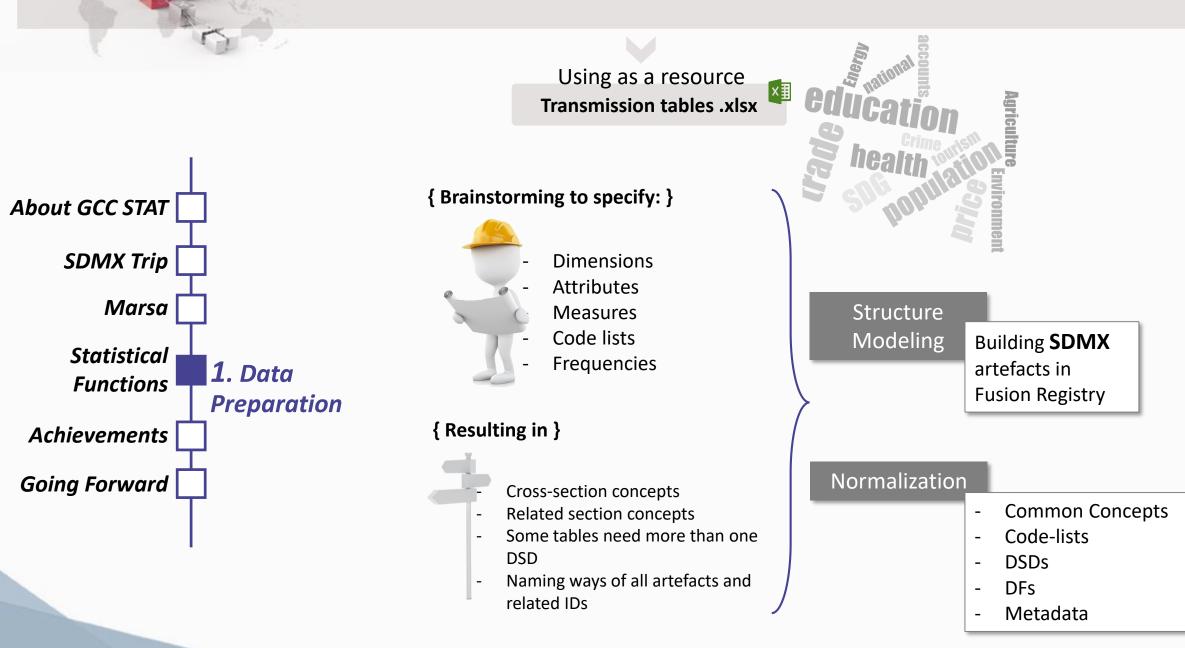
What is the Impact?

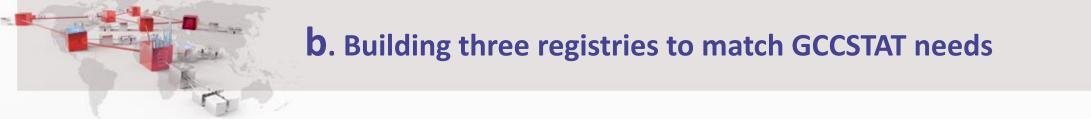


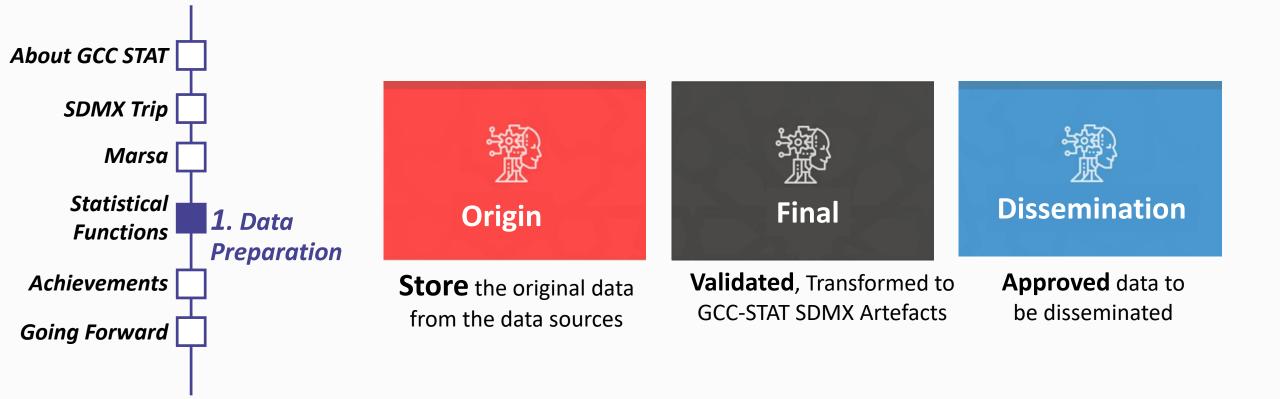


Statistical Functions

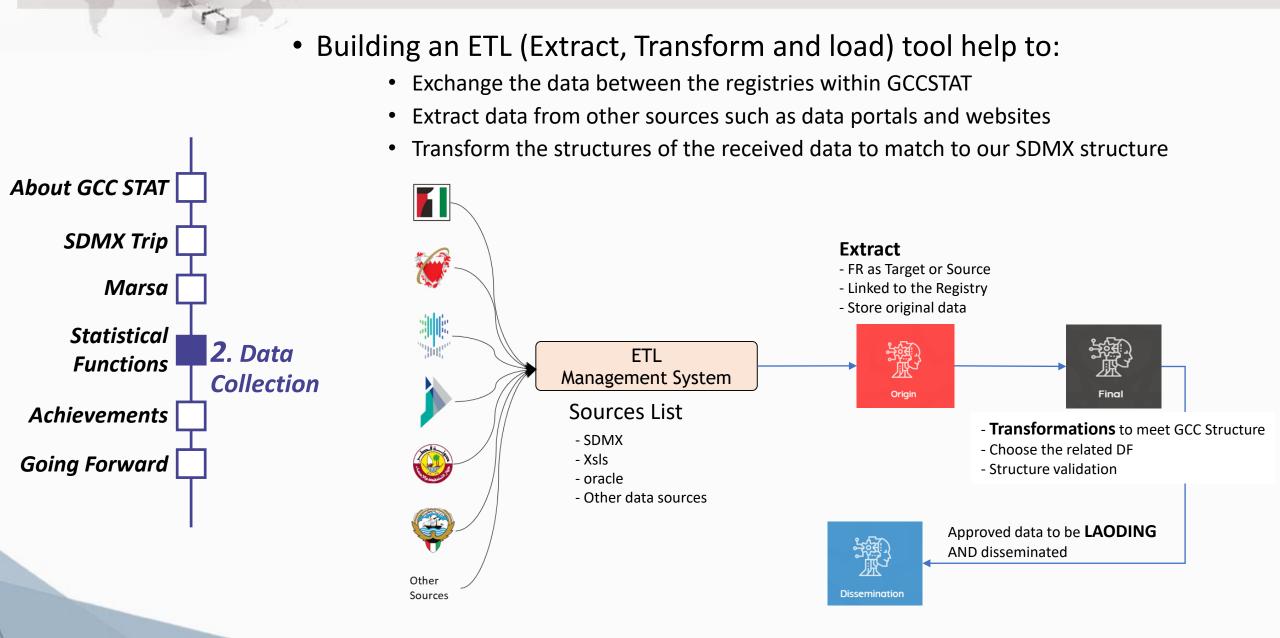
a. Structures Building



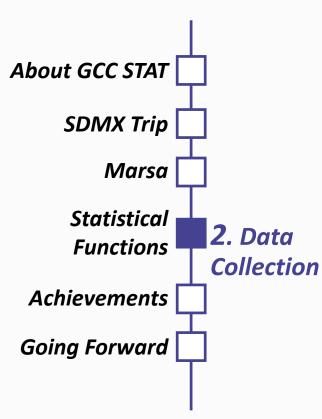


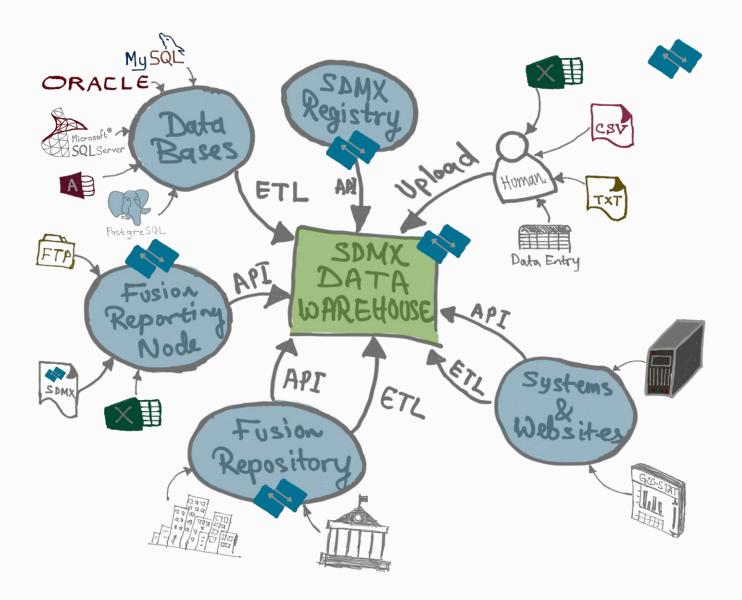


Extract, Transform and load



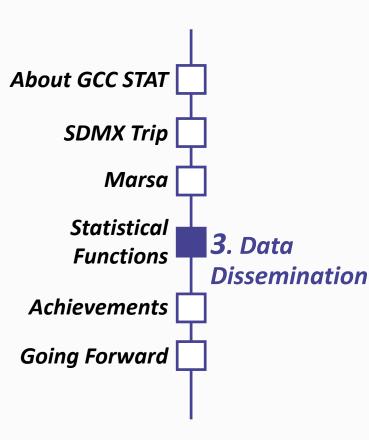
Linking options







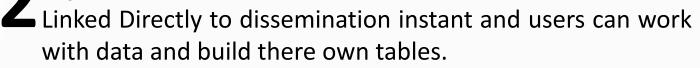
GCCSTAT-Data Portal



Datasets

linked to dissemination instant (dataset name, description, data, download as different data types).

Explorer



Dashboards

make dashboards ready using Tableau or superset tools and embed them on the data portals as interactive dashboards.

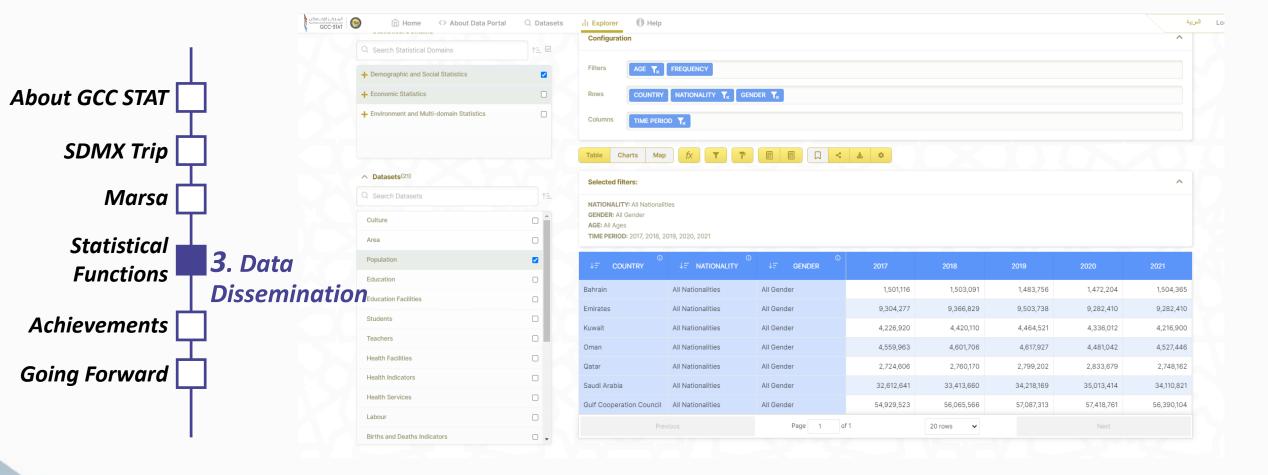


Statistical Demand Management Linked to dissemination and it is a place where we can

build strategy and its goals and indicators are read and updated due to any update in the registry.

1. Datasets المــركــز الإحــصا الم معنى التقاد الإحــصا GCC-STAT ۲ || Explorer 🕜 Help Home <> About Data Portal Q Datasets العربية Statistical Domains Lemographic and Social Statistics + ✓ 10 Date updated Descending v Economic Statistics 9 results Environment and Multi-domain Statistics About GCC STAT I Energy @122 views #updated 28/06/2023 Content Types The energy database provides the most important annual statistics related to energy in the GCC countries, which include crude oil (crude oil production, crude oil reserves, oil derivatives SDMX Trip Dataset production, oil derivatives consumption) natural gas (marketed natural gas production, natural gas reserves) electricity (electricity production, electricity consumption) and other relevant statistics. Dashboard (4) Statistical Domains: Marsa RESOURCES: XLSX JSON Filter by Tags Filter by Format Countries: **Statistical** Filter by Country Tags: 3. Data **Functions** @208 views @updated 06/06/2023 **Dissemination** Energy Achievements cludes a time series start from 2000, and contains the most important indicators, which The energy database provides the most important annual statistics related to energy in the GCC countries, which include crude oil (crude oil production, crude oil ments derivatives production, oil derivatives consumption) natural gas (marketed natural gas production, natural gas reserves) electricity (electricity production, electricity other relevant statistics. **Going Forward** Data and Resources Explorer preview csv DF_GEETS_ENR.csv DF_GEETS_ENR.xml DF_GEETS_ENR.xlsx DF GEETS ENR.json

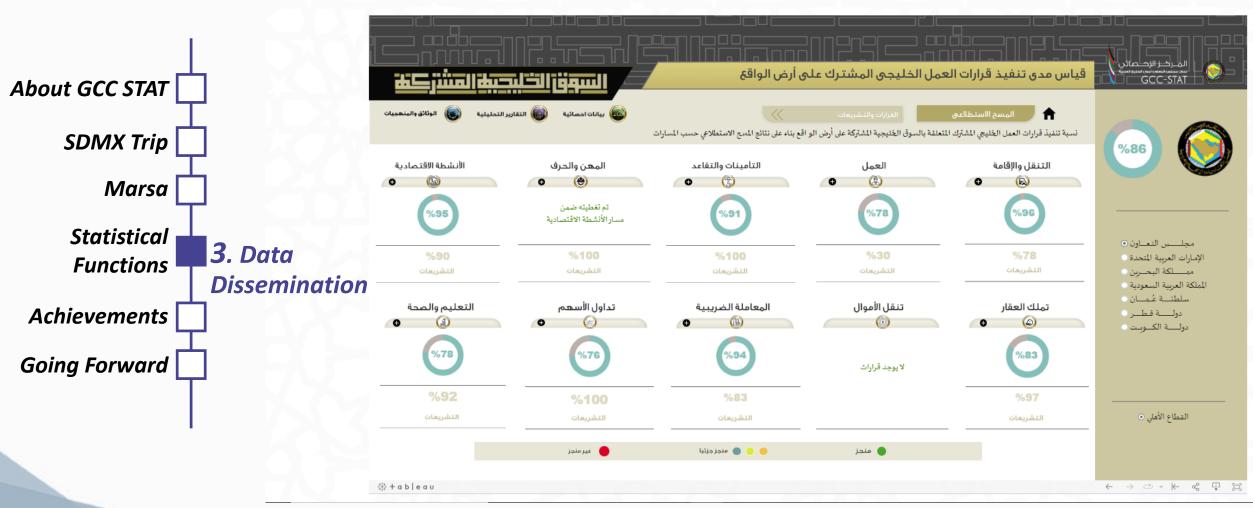
2. Explorer



3. Dashboards

GCC Common Market Dashboard

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Achievements



Achievements

About GCC STAT

Raising the level of automation of work procedures, controlling governance and powers, and reducing effort, time and cost.

- Create a consistent, Autoupdating, high-quality central database that is a unified and reliable source.
- Building a culture of SDMX within the GCCSTAT statisticians and raising their capabilities.
- Promote a culture of SDMX in GCC NSOs.

- Build an integrated solution that covers the entire statistics functions lifecycle from collection to dissemination.
- Ability to transfer data of large size or different shape and form.
- **Ease of publishing** which facilitates the process of exchanging data and from machine to machine.
- Readiness to auto connect with any data providers, regardless of their systems or technologies, and to automate and schedule the automatic fetching of statistical and descriptive data.



Going Forward





About GCC STAT

Strengthening statistical capabilities in GCC NSOs.



Support & assist NSOs in implementing the SDMX.

Completing the Automation collection process in NSOs and covering all the statistical fields.





Continuing using SDMX as a tool in searching for alternative statistical data sources without worrying about their structures.



Thank you



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