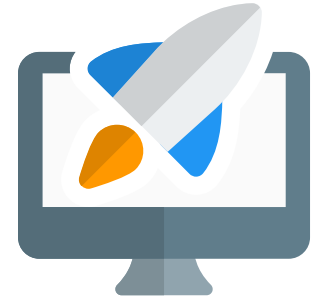# Statistics Center Portal.

Statistics center portal is a governmental website where users can view a country's statistical data about different categories which includes populations, economics, environment, agriculture, industries, business, social and many more.

About client :

The client is a government sector that wants to provide facilities to the citizens to download statistical reports on their capital growth. Clients want to keep data and calculations on one central platform so in the future they can forecast strategies for their capital based on data collected previously.

BUSINESS REQUIREMENTS :

- Portal should display government statistical data of different categories which includes Economy Statistics, Population & Demography Statistics, Labour Force Statistics, Industry & Business Statistics, Social Statistics, Agriculture & Environment Statistics.

- Different types of users should be able to register on the portal for different types of services and functionalities.

- The Portal should display various charts and tables that represent statistical data for individual categories.

- The portal should display capital growth data in the form of charts, tables, and documents.

- The portal should display information about the government projects.

- The portal should offer a page that displays training programs for the students.

- The portal should have one career page for permanent as well as temporary jobs.

- Portal should have an Admin Panel from where the portal admin user and review the feedback provided by users.

Quick Facts :

" **Industry: Government Sector** "

Benefits Delivered :

"
- **Increases Customer Satisfaction.**
- **Better performance even in peak hours**
- **High availability**
- **Attractive User Interface.**
"

KEY FEATURES :

- Different types of registration forms to access different services.

- Visualizations of the data in the form of charts, graphs, and tables.

- Developed a statistical dashboard for each category which displays information in form of percentages, documents, charts, and tables.

- Search and Sort features on statistical related data by year, category, documents, and tables.

- Full-fledged dashboard where portal users can take a look at their services and track it.

- Calendar view to look over upcoming projects.

- Implemented workflows on user registration.

KEY FEATURES :

- Students can view & enroll for certain courses and programs.

- Implemented career page where users can view available jobs, apply for jobs, and old employees can renew their job.

- Implemented Partner page where users can see local, regional and international stakeholders.

- Implemented news & release features where news from the government regarding statistics gets published.

- Implemented panel in admin panel so that admin user can view the feedback provided by public user about whether the page was useful or not.

💡 SOLUTION/ TECHNOLOGY USES:

1

Liferay :

- We've leveraged almost most of the OOTB features of Liferay for this portal development.
- We have used elastic search for faster performance.
- We have used Liferay's Job Scheduler to migrate the data through the API.
- We have used a groovy script to send the mail to the User with the help of Liferay workflow.

2

Bootstrap-datepicker

Used to allow users to select a date range at various places.

3

Service builder

Persist and fetch custom data.

4

JAX-RS web services :

Implemented JAX RS based REST API to return statistics related to data so that other systems can consume and display them.
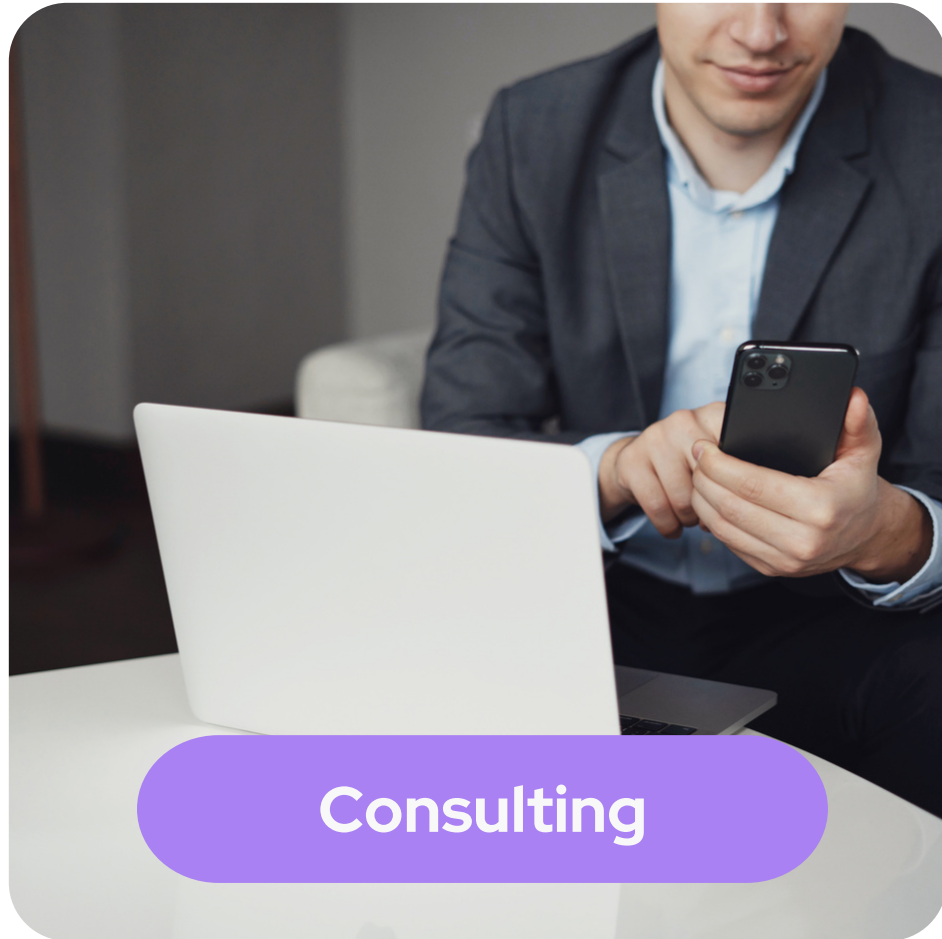
5

Input-Mask

Used to Validate the confidential unique number formats.

6

Chart.js

Used to provide the graphical view of Data.

Consulting

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Because, we're here to help

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Thank You