
Business & Workforce Trends in Trinidad and Tobago (2001-2024)

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Client/Sponsor: Google

Purpose:

The purpose of this project is for Trinidad and Tobago's businesses – small, medium, and large – to understand employment and economic trends to make informed decisions about employment and hiring, investments and managing risks. This analysis dives into how unemployment of Trinbago citizens, GDP growth and inflation have changed over the past two decades, and what exactly those trends mean for businesses operating in and with Trinidad and Tobago.

Scope / Major Project Activities:

What are the major parts of this project? List out the high-level steps, activities, or stages of the project, and give a brief description for each.

Activity	Description
Project Planning and Question Definition	Definition of business problem Definition of project objectives Definition of scope Definition of key analytical questions (specific to workforce and economic trends in Trinidad and Tobago)
Data Collection	Source public data (World Bank) on unemployment, GDP growth, and inflation in Trinidad and Tobago between 2001 – 2024.
Data cleaning and Preparation	Clean data in Excel
Exploratory data analysis	Analyse data trends using descriptive statistics and visualisations

Insight generation	Interpret analytical results to extract insights about the employment trends, economic stability and periods of risk for businesses
Implications / Recommendations	Transfer findings into insights and recommendations that businesses can use for future workforce planning, and hiring decisions
Report / Presentation	Compilation of findings into a structured report with support of visuals for a non-technical business audience.

This project does not include:

Specify the things that this project isn't responsible for doing (out of scope). For instance, "this project does not involve a summation of 2019 data analysis"

- Analysis of data prior to 2001, and after 2024.
- Forecasting and prediction
- Advanced statistical modeling
- Primary data collection

Deliverables:

A specific list of things that your project will deliver.

Deliverable	Description/ Details
Cleaned dataset (Excel)	An excel workbook containing both the raw dataset and its cleaned version
Data visualisations	Clear and easy-to-understand charts and / or graphs illustrating unemployment, GDP growth, and inflation trends over the 2001 – 2024 time period.
Capstone Report (PDF Format)	A comprehensive report which would summarise the purpose of the project, methodology, findings, business implications, limitations and recommendations.

Schedule Overview / Major Milestones:

The expected schedule for the project. This can be defined by milestones (e.g. "all data is cleaned and processed"), periods of time ("Week 1 / Week 2"), or other ways based on the needs of the project.

Milestone	Expected Completion Date	Description/Details
<i>Project planning complete</i>	<i>Week 1</i>	<i>Finalise scope of work</i>
<i>Data collection complete</i>	<i>Week 1</i>	<i>Attainment of datasets</i>
<i>Data cleaning and preparation</i>	<i>Week 2</i>	<i>Datasets cleaned and aligned</i>
<i>Exploratory data analysis</i>	<i>Week 3</i>	<i>Visualisations and trend analysis</i>
<i>Insights and business implications</i>	<i>Week 3</i>	<i>Key findings interpreted and summarised</i>
<i>Final report and deliverables</i>	<i>Week 4</i>	<i>Report written, visuals finalized, and portfolio summary created.</i>

*Estimated date for completion:

With consistent progress, estimated completion date is 4 weeks from project start date.