

Vivekanand Education Society's BUSINESS SCHOOL

SUBMITTED BY

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Experiential Learning for Course: Sectorial Analysis of Indian District and States.

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PGDM 2024-2026

Academic year: 24-25

Vivekanand Education Society's Business School

This is to certify that project titled <u>Sectorial Analysis of Indian District and States</u> is successfully completed by Mr. <u>Kiran Chavan</u> during the 1st Year, in partial fulfillment of the PGDM recognized by AICTE for the academic year 2024-2026 through Vivekanand Education Society's Business School.

This project work is original and not submitted earlier for the award of any degree diploma of any other University /Institution.

This is to certify that project titled <u>Sectorial Analysis of Indian District and States</u> is successfully completed by Mr. <u>Satyam Bhakare</u> during the 1st Year, in partial fulfillment of the PGDM recognized by AICTE for the academic year 2024-2026 through Vivekanand Education Society's Business School.

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This is to certify that project titled <u>Sectorial Analysis of Indian District and States</u> is successfully completed by Mr. <u>Smit Jariwala</u> during the 1st Year, in partial fulfillment of the PGDM recognized by AICTE for the academic year 2024-2026 through Vivekanand Education Society's Business School.

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This is to certify that project titled <u>Sectorial Analysis of Indian District and States</u> is successfully completed by Mr. <u>Ramchandra Rane</u> during the 1st Year, in partial fulfillment of the PGDM recognized by AICTE for the academic year 2024-2026 through Vivekanand Education Society's Business School.

This project work is original and not submitted earlier for the award of any degree diploma of any other University /Institution.

Declaration

I, <u>Kiran Chavan</u>, student of PGDM of Vivekanand Education Society's Business School, Chembur, Mumbai, hereby declare that I have completed Summer Internship Project on "Sectorial Analysis of Indian District and States" at "STRATEGIC EXECUTION CONSULTANTS PVT. LTD", during the academic year 2024-2025.

The information submitted is true and original to the best of my knowledge.

Date:

Place: MUMBAI

(Student Signature)

Declaration

I, <u>Satyam Bhakare</u>, student of PGDM of Vivekanand Education Society's Business School, Chembur, Mumbai, hereby declare that I have completed Summer Internship Project on "Sectorial Analysis of Indian District and States" at "STRATEGIC EXECUTION CONSULTANTS PVT. LTD", during the academic year 2024-2025.

The information submitted is true and original to the best of my knowledge.

Date:

Place: MUMBAI (Student Signature)

Declaration

I, <u>Ramchandra Rane</u>, student of PGDM of Vivekanand Education Society's Business School, Chembur, Mumbai, hereby declare that I have completed Summer Internship Project on "Sectorial Analysis of Indian District and States" at "STRATEGIC EXECUTION CONSULTANTS PVT. LTD", during the academic year 2024-2025.

The information submitted is true and original to the best of my knowledge.

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Place: MUMBAI

(Student Signature)

Declaration

I, <u>Smit Jariwala</u>, student of PGDM of Vivekanand Education Society's Business School, Chembur, Mumbai, hereby declare that I have completed Summer Internship Project on "Sectorial Analysis of Indian District and States" at "STRATEGIC EXECUTION CONSULTANTS PVT. LTD", during the academic year 2024-2025.

The information submitted is true and original to the best of my knowledge.

Date:

Place: MUMBAI (Student Signature)

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1. Brief Introduction of the company

Strategic Execution Consultants Pvt. Ltd. (SEC) is a business consulting firm based in Bangalore, India, founded in 2022. The company offers strategic advisory services in areas such as business transformation, digital innovation, operational efficiency, and corporate finance, helping organizations thrive in competitive markets. SEC caters to a wide range of industries, including financial services, education, and healthcare, supporting clients through tailored strategies that enable efficient business execution and sustainable growth.

Leadership Team and Founders

SEC was co-founded by **Rishabh Bapna**, who serves as the Managing Director. He brings a strong background in management and strategic planning, focusing on aligning business strategies with client objectives. **Manisha Bapna** is also a key member of the board, actively shaping SEC's strategic direction. The leadership team further includes **CA Jeetendra Kumar Thani**, who serves as the Company Secretary and is a specialist in financial management, and **Dr. Ravi Changle**, a director with expertise in artificial intelligence and emerging technologies, ensuring SEC remains at the forefront of tech-driven consulting solutions

Services Offered:

- **Business Transformation and Strategy:** SEC provides holistic business transformation services, helping companies develop market entry and expansion strategies that drive growth and align with their goals.
- **Digital Transformation:** The firm specializes in guiding companies through digital transformation, offering advanced analytics and data-driven solutions to optimize customer engagement, streamline processes, and enhance operational efficiency.
- **Operational Efficiency:** SEC implements initiatives aimed at process optimization and cost reduction, leveraging automation and resource management techniques to improve overall productivity.
- **Risk Management:** SEC helps organizations in highly regulated industries manage risks related to compliance, operations, and market conditions, providing strategies that safeguard assets and maintain regulatory adherence.
- **Generative AI and Innovation:** The firm integrates generative AI into its client services, allowing businesses to leverage artificial intelligence for innovation across product development, customer service, and process automation.

2. Brief of the Job/ task assigned

We have been assigned a project to analyze a dataset titled "District-Wise Sectoral Analysis of Indian States", which captures economic contributions from the Primary, Secondary, and Tertiary sectors across multiple districts and states of India over different years. The data is available in both constant and current prices, allowing for an analysis of both real growth (inflation-adjusted) and nominal growth. Our task included:

- 1. **Dataset Analysis**: Use SQL to extract insights from the dataset, such as sector-wise contributions, growth rates, trends, and performance comparisons across districts and states.
- 2. **SQL Queries**: Write and execute SQL queries to explore the following:
 - Year-over-year growth and decline in sectoral contributions.
 - Comparison of sector shares in different districts.
 - Sectoral trends at both state and district levels.
- 3. **Insights Generation**: Identify key trends such as:
- Sector-wise growth over time: Which sectors are growing the fastest? Are districts shifting from agriculture (Primary sector) to services (Tertiary sector)?
- District comparisons: Which districts are performing better or worse in each sector?
- State-level trends: How do sectors contribute to the state economies, and what patterns are emerging?
- 4. **Tools**: You will use SQL Workbench, DBeaver, MySQL, or Postgres for querying the dataset. For visualization, tools like Power BI or Tableau can be used to create charts and dashboards that highlight the key trends and findings.

5. Deliverables:

- SQL Queries: Create and provide SQL scripts that answer the project's questions.
- Insights: Document the insights from the SQL queries, highlighting trends and sectoral growth.
- Final Report: Summarize all findings, detailing key trends and comparisons across sectors, districts, and states, providing a comprehensive picture of the economic dynamics captured by the dataset.

3. Targets Assigned

- 1. Data Exploration and Preparation:
 - Objective: Understand the structure of the dataset and clean it for analysis.
- Target:
- Explore the dataset fields to understand what each column represents (district names, sector contributions, years, prices at constant and current terms).
- Check for missing data, duplicates, or outliers and handle them appropriately (e.g., filling missing values, removing duplicates, or imputing data).
- Prepare SQL scripts that load and transform the data to ensure it's ready for analysis (e.g., organizing columns, converting data types).
 - Tools: SQL Workbench, DBeaver, MySQL, or Postgres.

2. Sector-Wise Analysis:

- Objective: Analyze the contributions from the Primary, Secondary, and Tertiary sectors for each district and state.
 - Target:
- Write SQL queries that capture the total contribution of each sector for all districts and states over multiple years.
- Calculate the year-over-year growth of each sector at both constant and current prices.
 - Identify districts with the largest growth or decline in any sector.
- Tools: SQL for querying; Power BI/Tableau for visualizing sector-wise contributions.

3. District-Level Performance Comparison:

- Objective: Compare economic performance across districts.
- Target:
- Use SQL queries to compare the share of each sector in the total economy for different districts.
 - Highlight districts where specific sectors dominate or have seen rapid growth.
 - Rank districts based on their economic performance in each sector.
- Tools: SQL for querying; visual tools (Power BI/Tableau) to create comparative charts.

4. State-Level Trends and Insights:

- Objective: Analyze and report on trends at the state level.
- Target:
- Aggregate data at the state level using SQL to calculate the total contribution of each sector for each state.
- Identify which states are more dependent on Primary, Secondary, or Tertiary sectors and how these trends evolve over time.
 - Pinpoint states with the most balanced or unbalanced sectoral growth.
 - Tools: SQL, Power BI/Tableau for visualizing state-level insights.

- 5. Growth Trend Analysis:
 - Objective: Track sector-wise growth over time for districts and states.
 - Target:
- Calculate the percentage change in sectoral contributions over the years using **SQL functions like `LAG` and `PERCENTAGE`.**
- Identify which districts and states have shifted from agriculture (Primary) to industrial or service-based economies (Secondary and Tertiary sectors).
 - Recognize trends such as urbanization, industrialization, or service-dominance.
- Tools: SQL for performing trend analysis, Power BI/Tableau for time-series visualizations.

6. Insights Generation:

- Objective: Provide actionable insights based on the SQL queries.
- Target:
 - Generate insights such as:
 - Sectoral growth over time for each district and state.
 - Comparison of district's reliance on Primary, Secondary, or Tertiary sectors.
 - Identifying top-performing and underperforming districts in each sector.
 - These insights will form the basis of the final report.
 - Tools: SQL for generating insights, Power BI/Tableau for visualizations.

7. Final Report Preparation:

- Objective: Summarize the key findings from the analysis in a comprehensive report.
 - Target:
 - Compile the SQL query results and insights into a well-structured report.
- Highlight key trends, comparisons, and growth patterns across districts and states.
 - Use visualizations to support findings and make the report easier to understand.
- Tools: Power BI/Tableau for visualizations, word processing tools for report writing.

8. Visualization:

- Objective: Create visual dashboard to illustrate trends.
- Target:
- Use Power BI, Tableau, Looker Studio to build interactive dashboards showcasing sectoral growth, comparisons between districts, and state-level trends.
- Visualize changes in sectoral contributions over time, and compare district-level performance in various sectors.

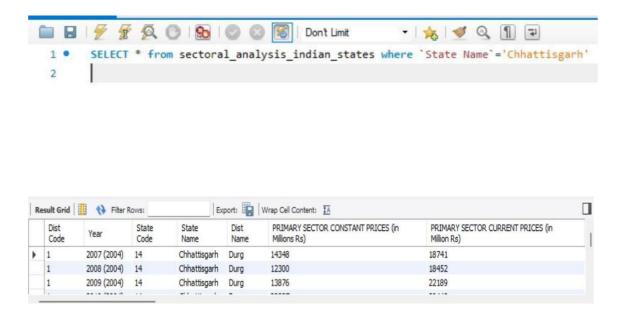
4. Targets Achieved

<u>Task</u> – Providing actionable insights for growth of sectors over time by comparing district performance at state and district level.

Field	Туре	Null Key	Default Extra
Dist Code	int	YES	NULL
Year	text	YES	NULL
State Code	int	YES	NULL
State Name	text	YES	NULL
Dist Name	text	YES	NULL
PRIMARY SECTOR CONSTANT PRICES (in Millions Rs)	int	YES	NULL
PRIMARY SECTOR CURRENT PRICES (in Million Rs)	int	YES	NULL
PRIMARY SECTOR CONSTANT SHARES (Percent)	double	YES	NULL
PRIMARY SECTOR CURRENT SHARES (Percent)	double	YES	NULL
SECONDARY SECTOR CONSTANT PRICES (Millions in Rs)	int	YES	NULL
SECONDARY SECTOR CURRENT PRICES (Millions in Rs)	int	YES	NULL
SECONDARY SECTOR CONSTANT SHARES (Percent)	double	YES	NULL
SECONDARY SECTOR CURRENT SHARES (Percent)	double	YES	NULL
TERTIARY SECTOR CONSTANT PRICES (Millions in Rs)	int	YES	NULL
TERTIARY SECTOR CURRENT PRICES (Millions in Rs)	int	YES	NULL
TERTIARY SECTOR CONSTANT SHARES (Percent)	double	YES	NULL
TERTIARY SECTOR CURRENT SHARES (Percent)	double	YES	NULL
Total Constant Prices (in Millions Rs)	int	YES	NULL
Total Current Prices (in Millions Rs)	int	YES	NULL
Per Capita Current Prices (1000 in Rs)	int	YES	NULL
·	·	++	++

Queries to be answered:

1. <u>Basic Query</u>: Retrieve all data for a specific state, e.g., "Chhattisgarh."



2. <u>Filtering</u>: Show all the districts in a given state that had a total contribution of more than 100,000 million Rs at current prices in a particular year.

```
Don't Limit

SELECT 'State Name', 'Dist Name', 'Year' from sectoral_analysis_indian_states

where 'Total Current Prices (in Millions Rs)'>100000;
```

12) select * from sectoral_analysis_indian_states where `State Name`='Maharashtra';

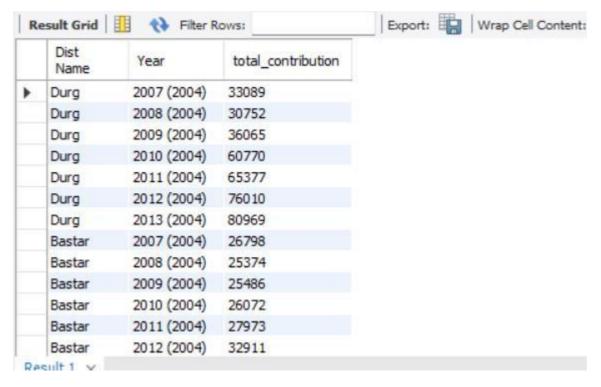
2) Filtering: Show all the districts in a given state that had a total contribution of more than 100,000 million Rs at current prices in a particular year.

Ans- select `State Name`, `Dist Name`, `Year` from sectoral_analysis_indian_states where `Total Current Prices (in Millions Rs)`>100000;

Dist Name	State Name	Year	Total Current Prices (in Millions Rs)		
Durg	Chhattisgarh	2007 (2004)	116682		
Durg	Chhattisgarh	2008 (2004)	137984		
Durg	Chhattisgarh	2009 (2004)	141821		
Durg	Chhattisgarh	2010 (2004)	173256		
Durg	Chhattisgarh	2011 (2004)	190355		
Durg	Chhattisgarh	2012 (2004)	219071		
Durg	Chhattisgarh	2013 (2004)	246863		
Raipur	Chhattisgarh	2007 (2004)	178584		
Raipur	Chhattisgarh	2008 (2004)	217938		
Raipur	Chhattisgarh	2009 (2004)	225657		
Raipur	Chhattisgarh	2010 (2004)	268431		
Raipur	Chhattisgarh	2011 (2004)	306439		
Raipur	Chhattisgarh	2012 (2004)	364883		

<u>3) Aggregation</u>: Find the total contribution of the primary sector across all districts for a given year.

Ans- select `Dist Name`, `Year`,sum(`PRIMARY SECTOR CONSTANT PRICES (in Millions Rs)`+`PRIMARY SECTOR CURRENT PRICES (in Million Rs)`) as total_primary_sector_contribution from sectoral_analysis_indian_states group by `Year`,`Dist Name`;



<u>4) Join Operation</u>: Write a query to join district data with state codes and names to display state-wise analysis.

Ans- select

s1.\State Code\,

s2.`State Name`,

count(distinct s1.`PRIMARY SECTOR CONSTANT PRICES (in Millions Rs)`) as Total_Primary_sector_Constant_Prices,

avg(s1.`PRIMARY SECTOR CONSTANT PRICES (in Millions Rs)`) as average_metric

From

sectoral_analysis_indian_states s1

Join

sectoral_analysis_indian_states s2 on s1.`State Code` = s2.`State Code` group by

s1.`State Code`,

s2.`State Name`;

State Code	State Name	Total_Primary_sector_Constant_Prices	average_metric
1	Andhra Pradesh	77	38298.5325
2	Bihar	63	9070.3968
3	Gujarat	126	19871.0794
4	Haryana	49	13520.0612
5	Karnataka	133	16322.5113
6	Madhya Pradesh	258 133	10323.2278
7	Maharashtra	174	20487.7943
8	Orissa	91	8958.7033
9	Punjab	77	20434.5584
10	Rajasthan	182	14319.0495
11	Tamil Nadu	91	9981.5604
12	Uttar Pradesh	314	16141.3841
13	West Bengal	112	28941.7946

5) **Growth Calculation**: Calculate the year-on-year growth of the secondary sector for a specific district.

Ans - select

current.year as current_year,

current. SECONDARY SECTOR CURRENT PRICES (Millions in Rs) as current_value,

previous. SECONDARY SECTOR CURRENT PRICES (Millions in Rs) as previous_value,

((current.`SECONDARY SECTOR CURRENT PRICES (Millions in Rs)`-previous.`SECONDARY SECTOR CURRENT PRICES (Millions in Rs)`)/previous.`SECONDARY SECTOR CURRENT PRICES (Millions in Rs)`)*100 as YoY_Growth_Percentage

from

sectoral_analysis_indian_states as current

join

sectoral_analysis_indian_states as previous on current.`State Code`=previous.`State Code`

and previous.year = current.year - 1

where

current. Dist Name = 'Durg'

and current.year between 2007 and 2013

and previous. Dist Name = 'Durg';



<u>6) Trend Analysis</u>: Identify the district with the highest growth rate in the tertiary sector over a five-year period.

Ans-SELECT

`Dist Name`,

 $((MAX(`Tertiary\ Sector\ Current\ Prices\ (Millions\ in\ Rs)`) - MIN(`Tertiary\ Sector\ Current\ Prices\ (Millions\ in\ Rs)`) * 100)\ AS `Growth_Rate_in_%`$

FROM

dis

WHERE

Year BETWEEN 2008 AND 2013

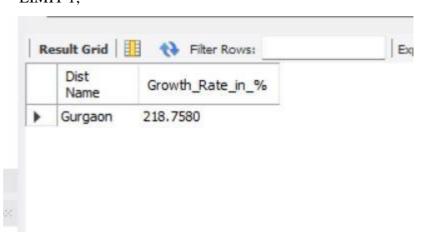
GROUP BY

`Dist Name`

ORDER BY

`Growth_Rate_in_%` DESC

LIMIT 1;



<u>7) Group By</u>: Group data by state to calculate the total contribution of the secondary sector in constant prices for each state.

Ans - SELECT

`State Name`,

SUM(`SECONDARY SECTOR CONSTANT PRICES (Millions in Rs)`) AS Total_Contribution_Constant_Prices

FROM

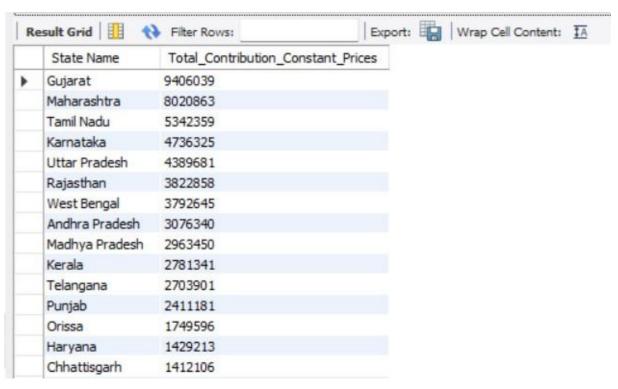
dis

GROUP BY

`State Name`

ORDER BY

Total_Contribution_Constant_Prices DESC;



<u>8) Comparison</u>: Compare the per capita current prices between two districts over the same year.

Ans - SELECT

- d1. Dist Name AS District 1,
- d2. Dist Name AS District 2,
- d1.Year,

- d1. Per Capita Current Prices (1000 in Rs) AS Current_Prices_District1,
- d2. Per Capita Current Prices (1000 in Rs) AS Current_Prices_District2

FROM

dis AS d1

JOIN

dis AS d2

ON

d1.Year = d2.Year

WHERE

d1. Dist Name = 'Durg'

AND d2. Dist Name = 'Bastar';



9) **Ranking**: Rank districts within a state based on their total constant prices for a given year.

Ans-SELECT

`State Code`,

`State Name`,

`Dist Code`,

`Dist Name`,

`Year`,

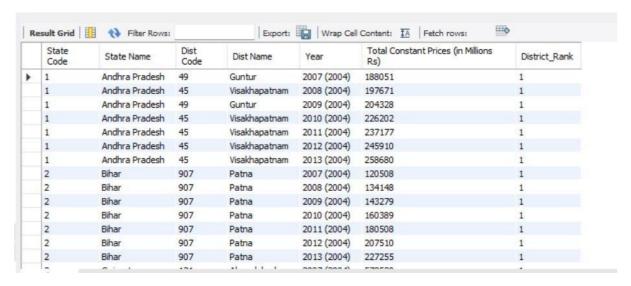
`Total Constant Prices (in Millions Rs)`,

RANK() OVER (PARTITION BY `State Code`, Year ORDER BY `Total Constant Prices (in Millions Rs)` DESC) AS District_Rank

FROM sectoral_analysis_indian_states

WHERE Year = 2013

ORDER BY District_Rank;



<u>10)</u> Filtering by Sector: Find the districts where the primary sector's share in constant prices is higher than 20% in the latest year.

SELECT `Dist Name`, Year, `PRIMARY SECTOR CONSTANT SHARES (Percent)`
FROM dis

WHERE `PRIMARY SECTOR CONSTANT SHARES (Percent)` > 20 AND Year = 2013 order by `PRIMARY SECTOR CONSTANT SHARES (Percent)`;



<u>11) Sector Performance</u>: For each state, calculate the average share of the tertiary sector (current prices) over the entire time period.

Ans - SELECT

`State Code`,

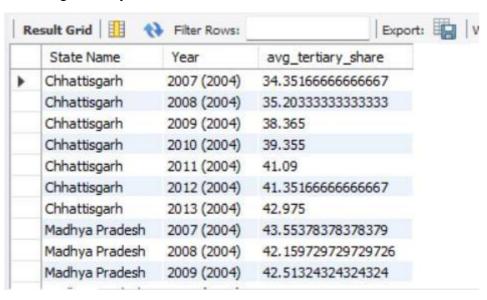
`State Name`,

AVG(`TERTIARY SECTOR CURRENT SHARES (Percent)`) AS Avg_Tertiary_Sector_Share

FROM sectoral_analysis_indian_states

GROUP BY `State Code`, `State Name`

ORDER BY Avg_Tertiary_Sector_Share DESC;



<u>12)</u> <u>Max-Min Analysis</u>: Identify the district with the highest and lowest total current prices for a given year.

Ans - (SELECT `Dist Name`, `Year`, SUM(`Total Current Prices (in Millions Rs)`) AS total_price, 'Highest' AS Price_type

FROM sectoral_analysis_indian_states

GROUP BY 'Dist Name', 'Year'

ORDER BY total_price DESC

LIMIT 1)

UNION ALL

(SELECT `Dist Name`, `Year`, SUM(`Total Current Prices (in Millions Rs)`) AS total_price, 'Lowest' AS Price_type

 $FROM\ sectoral_analysis_indian_states$

GROUP BY 'Dist Name', 'Year'

ORDER BY total_price ASC

LIMIT 1);



<u>13)</u> <u>Percentage Contribution</u>: Calculate the percentage contribution of the secondary sector to the total economy for each district.

Ans-SELECT

`Dist Name`,

`Year`,

(`SECONDARY SECTOR CURRENT PRICES (Millions in Rs)` / `Total Current Prices (in Millions Rs)`) * 100 AS Secondary_Sector_Percentage

FROM

sectoral_analysis_indian_states;

	Dist Name	Year	Secondary_Sector_Percentage
•	Durg	2007 (2004)	48.6142
	Durg	2008 (2004)	51.2617
	Durg	2009 (2004)	46.6285
	Durg	2010 (2004)	41.6771
	Durg	2011 (2004)	40.1114
	Durg	2012 (2004)	39.6488
	Durg	2013 (2004)	39.2027
	Bastar	2007 (2004)	20.0241
	Bastar	2008 (2004)	23.9281
		2000 (2000 1)	22 5442

14) Conditional Filtering: List all districts where the tertiary sector constant share is greater than the secondary sector constant share for a specific year.

Ans -

SELECT

`Dist Name`,

`Year`,

`TERTIARY SECTOR CONSTANT SHARES (Percent)`,

`SECONDARY SECTOR CONSTANT SHARES (Percent)`

FROM

dis

WHERE

Year = 2013

AND `TERTIARY SECTOR CONSTANT SHARES (Percent)` > `SECONDARY SECTOR CONSTANT SHARES (Percent)`;



15. Multi-Condition Query: Write a query to display districts where the primary and secondary sector shares are both greater than 30%.

Ans- SELECT

`Dist Name`,

`Year`,

`PRIMARY SECTOR CURRENT SHARES (Percent)`,

`SECONDARY SECTOR CURRENT SHARES (Percent)`

FROM

dis

WHERE

`PRIMARY SECTOR CURRENT SHARES (Percent)` > 30

AND `SECONDARY SECTOR CURRENT SHARES (Percent)` > 30;



16. Time Series Analysis: Show how the total contribution at current prices has changed over time for a specific district.

Ans- SELECT

`Year`,

SUM(`Total Current Prices (in Millions Rs)`) AS Total_Contribution

FROM

dis

WHERE

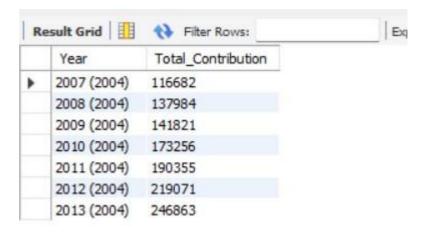
`Dist Name` = 'Durg'

GROUP BY

`Year`

ORDER BY

`Year`;



17. Subquery: Write a subquery to find the state that contributed the most in the tertiary sector at current prices for a given year.

```
Ans-SELECT
 `State Name`,
 `TERTIARY SECTOR CURRENT PRICES (Millions in Rs)`
FROM
 dis
WHERE
 Year = 2013
 AND `TERTIARY SECTOR CURRENT PRICES (Millions in Rs)` = (
   SELECT
     MAX(`TERTIARY SECTOR CURRENT PRICES (Millions in Rs)`)
   FROM
     dis
   WHERE
     Year = 2013;
                                           Export: Wrap Cell Content: IA
   TERTIARY SECTOR CURRENT PRICES
      State
     Name
                (Millions in Rs)
     Karnataka
                1819784
```

18) Distinct Query: Find all the unique states present in the dataset.

Ans - SELECT DISTINCT

`State Name`

FROM sectoral_analysis_indian_states

order by

`State Name`;



19) Join and Aggregate: Join state and district data and calculate the total economic contribution for a particular state across all its districts for a given year.

```
Ans - SELECT
  s.\Year\,
  s.`Dist Code`,
  s.`Dist Name`,
  s.`State Name`,
  s. Total Current Prices (in Millions Rs)`
FROM
  dis s
JOIN
  dis d ON s.`State Code` = d.`State Code`
```

WHERE

s.`Year` = 2013

Group By

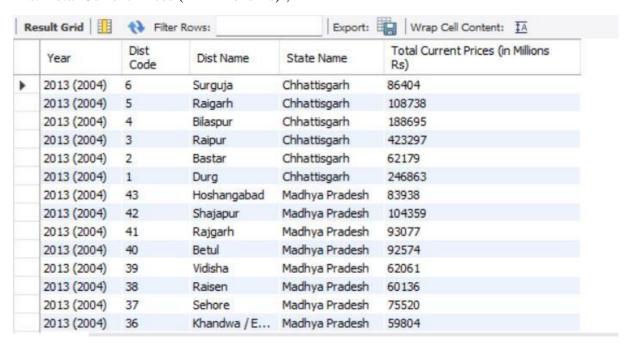
s.`State Name`,

s.\Year\,

s.`Dist Code`,

s.`Dist Name`,

s. Total Current Prices (in Millions Rs);



20) Window Functions: Use a window function to calculate the cumulative total of the primary sector at constant prices for a district over the years.

Ans - SELECT

`Dist Name`,

`Year`,

`PRIMARY SECTOR CONSTANT PRICES (in Millions Rs)`,

SUM(`PRIMARY SECTOR CONSTANT PRICES (in Millions Rs)`) OVER (PARTITION BY `Dist Name` ORDER BY `Year`) AS Cumulative_Total

FROM

dis

WHERE

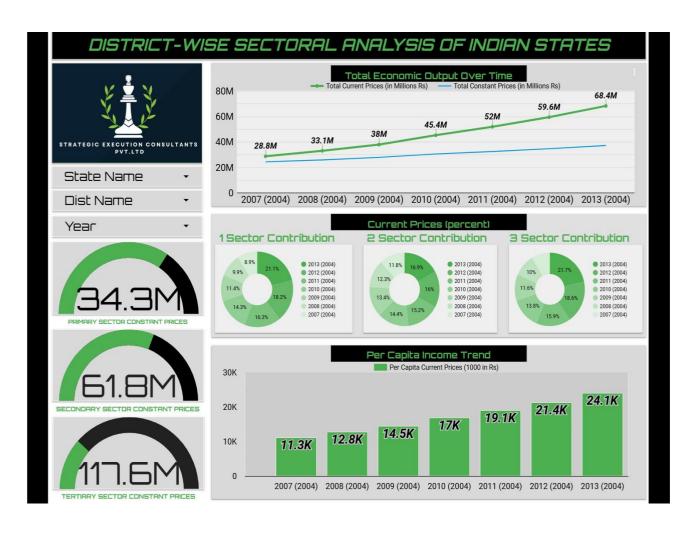
`Dist Name` = 'Durg'

ORDER BY

`Year`;

	Dist Name	Year	PRIMARY SECTOR CONSTANT PRICES (in Millions Rs)	Cumulative_Tota
١	Durg	2007 (2004)	14348	14348
	Durg	2008 (2004)	12300	26648
	Durg	2009 (2004)	13876	40524
	Durg	2010 (2004)	22327	62851
	Durg	2011 (2004)	22907	85758
	Durg	2012 (2004)	25174	110932
	Durg	2013 (2004)	25905	136837

5. Dashboard



6. Learnings

Economic Sector Distribution

- **Primary Sector**: The dataset provides insights into the primary sector's contribution to the economy, with constant prices ranging from 296 to 329 million Rs and current prices from 428 to 499 million Rs.
- **Secondary Sector**: This sector shows higher values in both constant and current prices, indicating its significant role in the economy.
- **Tertiary Sector**: The tertiary sector appears to be the largest contributor, with constant prices ranging from 1471 to 2142 million Rs and current prices from 1706 to 2952 million Rs.

Growth Trends

- **Constant vs. Current Prices**: The dataset allows for the analysis of growth trends by comparing constant and current prices. The tertiary sector shows a significant increase in both constant and current prices, indicating robust growth over the years.
- Sectoral Shares: The shares of each sector in the economy provide insights into structural changes. The tertiary sector consistently holds the largest share, suggesting a shift towards a service-oriented economy.

Per Capita Income Trends

• The dataset includes per capita income data, expressed in thousands of Rs. This metric is crucial for understanding the economic well-being of individuals in different districts and states. The sample data shows an increase from 37 to 43 thousand Rs, indicating a positive trend in per capita income.

State and District Analysis

 The dataset covers multiple states and districts, allowing for a detailed analysis of regional economic performance. For instance, the sample data from Chhattisgarh's Durg district shows significant contributions from the secondary and tertiary sectors

7. Limitations

- The dataset covers only a limited range of years (2007 to 2013), which may not be sufficient for long-term trend analysis.
- The Year column is a Text type with a specific format that might require preprocessing for time series analysis.
- The dataset provides data for primary, secondary, and tertiary sectors, but lacks detailed sub-sector information, which could be important for more granular economic analysis.

8. Conclusion

The dataset provides a comprehensive view of the economic landscape across Indian states and districts, highlighting the importance of the tertiary sector and the growth in per capita income. It serves as a valuable resource for analyzing economic trends and sectoral contributions over the specified years.