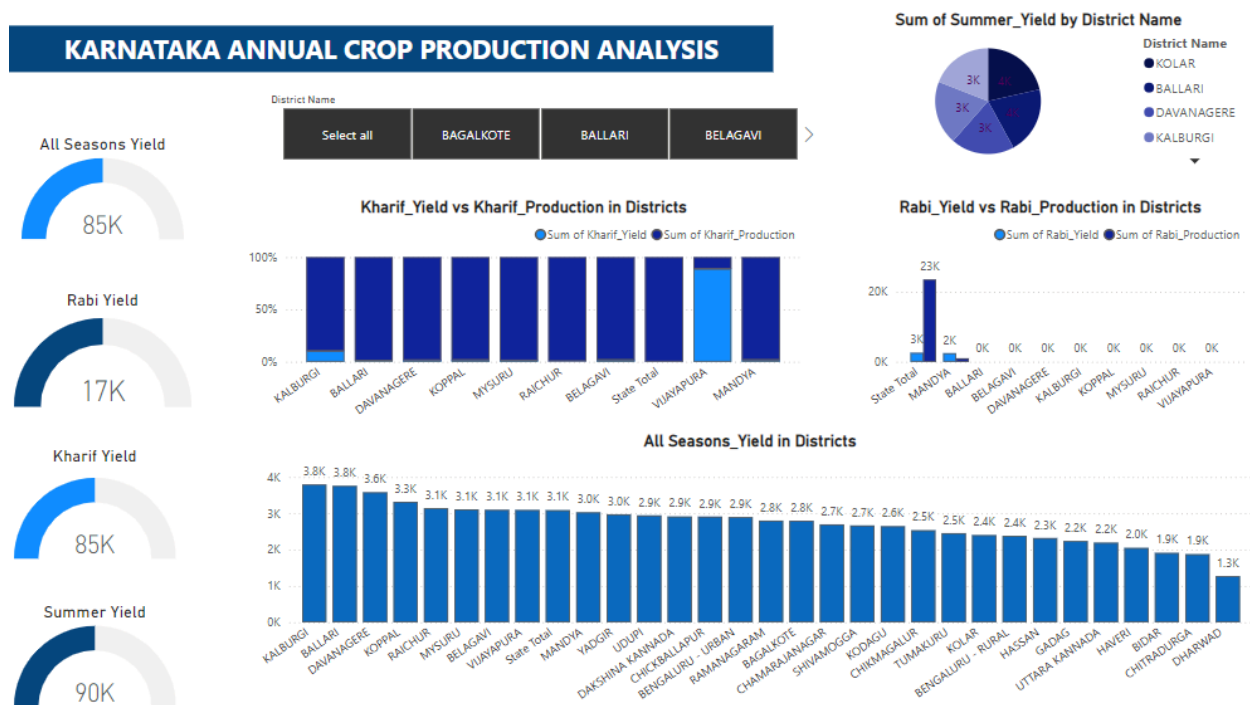


Karnataka's Annual Crop Production Analysis Using PowerBI

BY AAKANKSHA



1. Yields Overview:

- All Seasons Yield: Displays a total yield of 85K.
- Rabi Yield: Shows a specific yield for the Rabi season as 17K.
- Kharif Yield: Displays the Kharif season yield, marked at 85K.
- Summer Yield: Indicated as 90K, the highest among the seasons.

2. District Selection:

- At the top, there is a filter for selecting specific districts. Some listed districts include **Bagalkote**, **Ballari**, and **Belagavi**, with an option to select all.

3. District-Level Comparisons:

- **Summer Yield by District:** A pie chart visualizes the yield contribution from different districts. Some highlighted districts are:
 - **Kolar:** Around **3K**.
 - **Ballari:** Also **3K**.
 - **Davanagere:** Around **3K**.
 - **Kalburgi:** slightly above **3K**.

4. Seasonal Yield vs Production Comparison:

- **Kharif Yield vs Kharif Production:** A bar chart comparing the Kharif yield and production percentages for different districts. Districts such as **Kalburgi**, **Ballari**, **Davanagere**, **Koppal**, and others show almost 100% yield relative to production.
- **Rabi Yield vs Rabi Production:** A similar comparison for Rabi season shows a high production (around **23K**) for **Mandya**, while the rest of the districts, like **Ballari**, **Belagavi**, **Kalburgi**, etc., report very low or zero Rabi yield/production.

5. All Seasons Yield in Districts:

- A horizontal bar chart represents the total yield across all districts. Some notable districts are:
 - **Kalburgi:** **3.8K** yield.
 - **Davanagere:** **3.6K** yield.
 - **Koppal:** **3.3K** yield.
 - **Raichur:** **3.1K** yield.
- Other districts like **Mandya**, **Shimoga**, **Shivamogga**, **Chitradurga**, **Yadgir**, etc., contribute yields ranging from **3K** to **1.3K**.

Key Insights:

- **Summer Yield** is notably the highest, reflecting substantial production during this season.
- **Mandya** dominates Rabi production, with little contribution from other districts during this season.
- **Kharif Season** sees a more even distribution of production and yields across multiple districts.
- **Kalburgi, Davanagere, Koppal, and Raichur** consistently show strong yields across all seasons.

This dashboard provides a comprehensive view of seasonal crop yields and the performance of different districts in Karnataka, helping to assess both production and yield efficiency in the Kharif, Rabi, and summer seasons.