

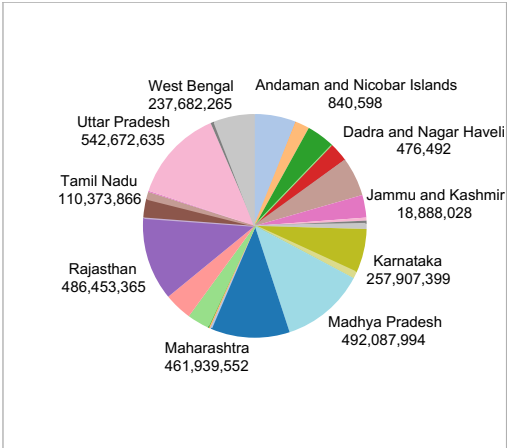
## Story 2

CROP ANALYSIS	STATE WISE CROP ANALYSIS	DATA VISUALISATION ON CROP
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District		Area	Count of India Agriculture Crop Production.csv	Production	Yield
TIRUPATHUR		149,202,016	149,202,016	149,202,016	149,202,016
		13,994	7	149,202,016	13,148
TUMAKURU		1,453,784,655	1,453,784,655	1,453,784,655	1,453,784,655
		508,818	59	1,453,784,655	8,534
KOLLAM		9,144,799,981	9,144,799,981	9,144,799,981	9,144,799,981
			334	9,144,799,981	152,579
TIRUPUR		12,893,527,546	12,893,527,546	12,893,527,546	12,893,527,546
		313		12,893,527,546	157,531
KANNUR		12,908,734,069	12,908,734,069	12,908,734,069	12,908,734,069
				12,908,734,069	
TIRUPATI		13,223,577,010	13,223,577,010	13,223,577,010	13,223,577,010
		315		13,223,577,010	173,016
COMBETORE		17,664,158,080	17,664,158,080	17,664,158,080	17,664,158,080
		4,071,993	727	17,664,158,080	201,806
TALAPPHIRAM		19,621,865,693	19,621,865,693	19,621,865,693	19,621,865,693
				19,621,865,693	

Story 2

CROP ANALYSIS	STATE WISE CROP ANALYSIS	DATA VISUALISATION ON CROP
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Area	4,030,580,636
State	Andaman and Nicobar Isl., Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chandigarh, Chhattisgarh, Dadra and Nagar Haveli, Daman and Diu, Delhi, Goa, Gujarat, Haryana, Himachal Pradesh, Jammu and Kashmir, Jharkhand, Karnataka, Kerala, Laddakh, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Mizoram, Nagaland, Odisha, Puducherry, Punjab, Rajasthan, Sikkim, Tamil Nadu, Telangana, Tripura, Uttar Pradesh, Uttarakhand, West Bengal

**Official Data Sources:**  
The **Directorate of Economics and Statistics**, under the **Department of Agriculture and Farmers Welfare**, Ministry of Agriculture and Farmers Welfare, Government of India, provides comprehensive state-wise agricultural statistics.

**Exploratory Data Analysis (EDA):**  
Researchers and data enthusiasts have explored Indian crop production data. For instance, a dataset covering **33 Indian states and Union Territories** has been analyzed. States like **Uttar Pradesh**, **Madhya Pradesh**, and **Karnataka** contribute more data due to their prominence in agriculture 2.

**State-Level Studies:**  
Researchers often consider **17 major states/Union Territories** for in-depth agricultural analysis. These studies examine crop diversification, productivity, and challenges faced by each state 3.

**Crop Yield Patterns:**  
Let's explore some intriguing patterns for the year **2022-23**:  
**Punjab** and **Haryana** lead in cereal production.  
**West Bengal** and **Odisha** excel in rice yields.  
Other states exhibit unique crop dynamics.

CROP ANALYSIS (1997 -2021)

