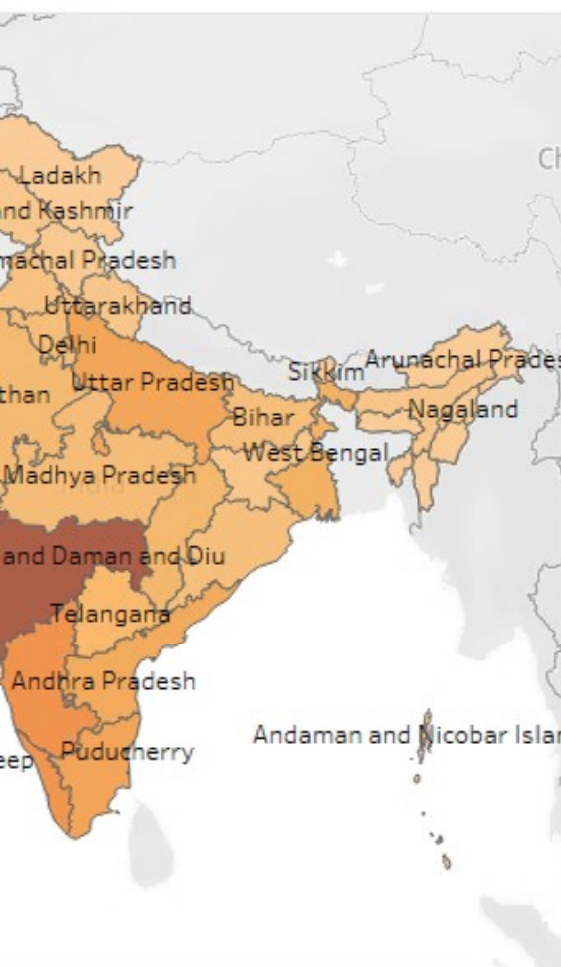


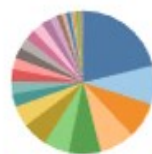


Covid 19 India Analysis

India



Percentage Distribution of confirmed cases of each state



Max. Confirmed

2 54,33,506

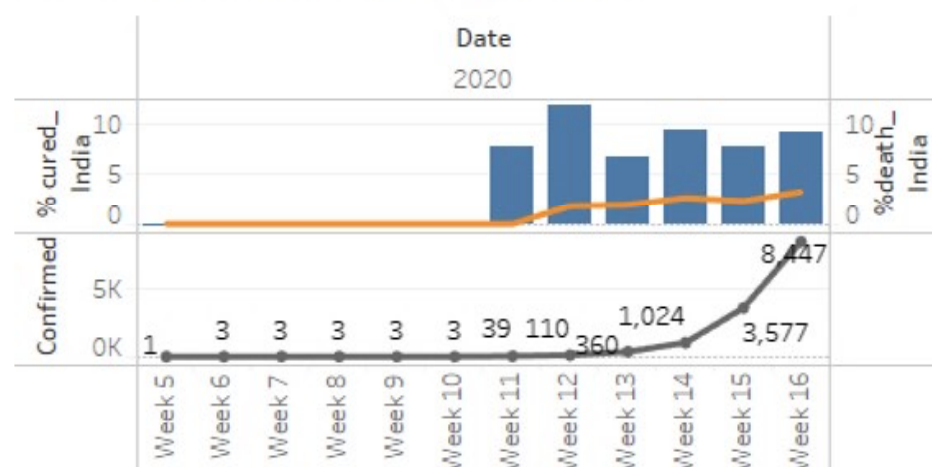
State/Union Territory

- Maharashtra
- Karnataka
- Andhra Pradesh
- Tamil Nadu
- Kerala
- Uttar Pradesh
- Delhi

Measure Names

- % cured_India
- %death_India

% comparison of Death vs Cured




localhost:8888/notebooks/Python%20Data%20Analysis.ipynb


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jupyter Python Data Analysis

Last Checkpoint: 9 hours ago (autosaved)

 Logo

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Code

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In [97]:















statewise.style.background_gradient(cmap="cubehelix")


Out[97]:


	Confirmed	Cured	Deaths	Recovery Rate	Mortality Rate
Maharashtra	5433506.000000	4927480.000000	83777.000000	90.686934	1.541859
Karnataka	2272374.000000	1674487.000000	22838.000000	73.688882	1.005028
Kerala	2200706.000000	1846105.000000	6612.000000	83.886944	0.300449
Tamil Nadu	1664350.000000	1403052.000000	18369.000000	84.300297	1.103674
Uttar Pradesh	1637663.000000	1483249.000000	18072.000000	90.571076	1.103524
Andhra Pradesh	1475372.000000	1254291.000000	9580.000000	85.015237	0.649328
Delhi	1402873.000000	1329899.000000	22111.000000	94.798246	1.576123
West Bengal	1171861.000000	1026492.000000	13576.000000	87.595030	1.158499
Chhattisgarh	925531.000000	823113.000000	12036.000000	88.934136	1.300443
Rajasthan	879664.000000	713129.000000	7080.000000	81.068340	0.804853
Gujarat	766201.000000	660489.000000	9269.000000	86.203098	1.209735
Madhya Pradesh	742718.000000	652612.000000	7139.000000	87.868074	0.961199
Haryana	709689.000000	626852.000000	6923.000000	88.327704	0.975498
Bihar	664115.000000	595377.000000	4039.000000	89.649684	0.608178
Odisha	633302.000000	536595.000000	2357.000000	84.729718	0.372176
Telangana	536766.000000	485644.000000	3012.000000	90.475924	0.561138



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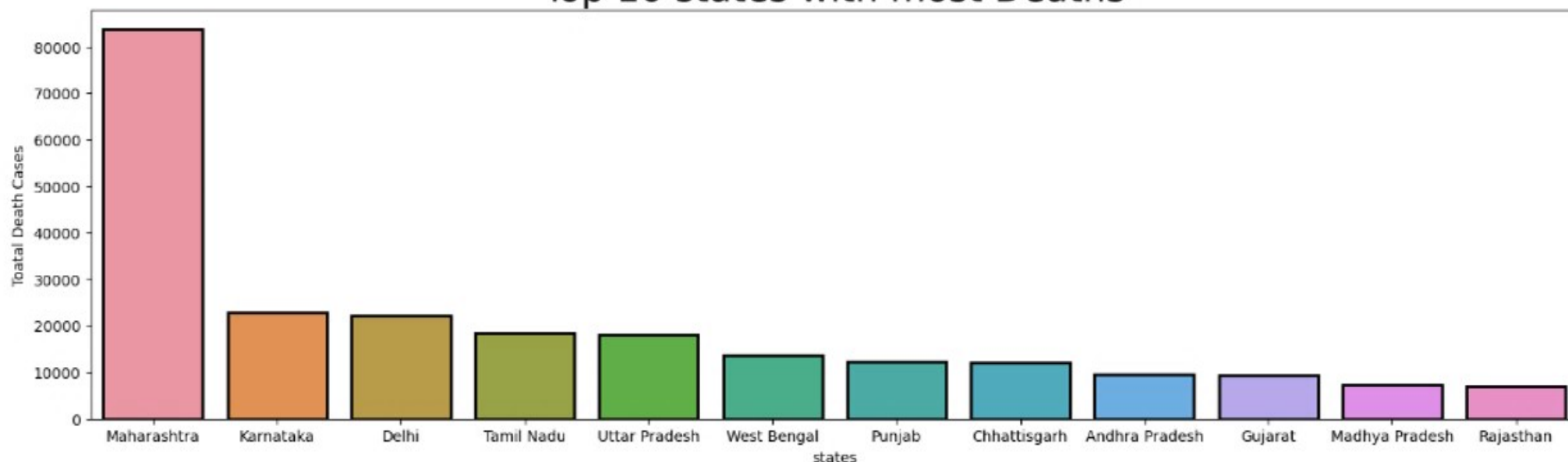

```
plt.title("Top 10 states with most Deaths",size=25)

ax=sns.barplot(data=Top_10_deaths.iloc[:12], y= "Deaths",x="State/UnionTerritory",linewidth=2, edgecolor="black")

plt.xlabel("states")
plt.ylabel("Toatal Death Cases")
```

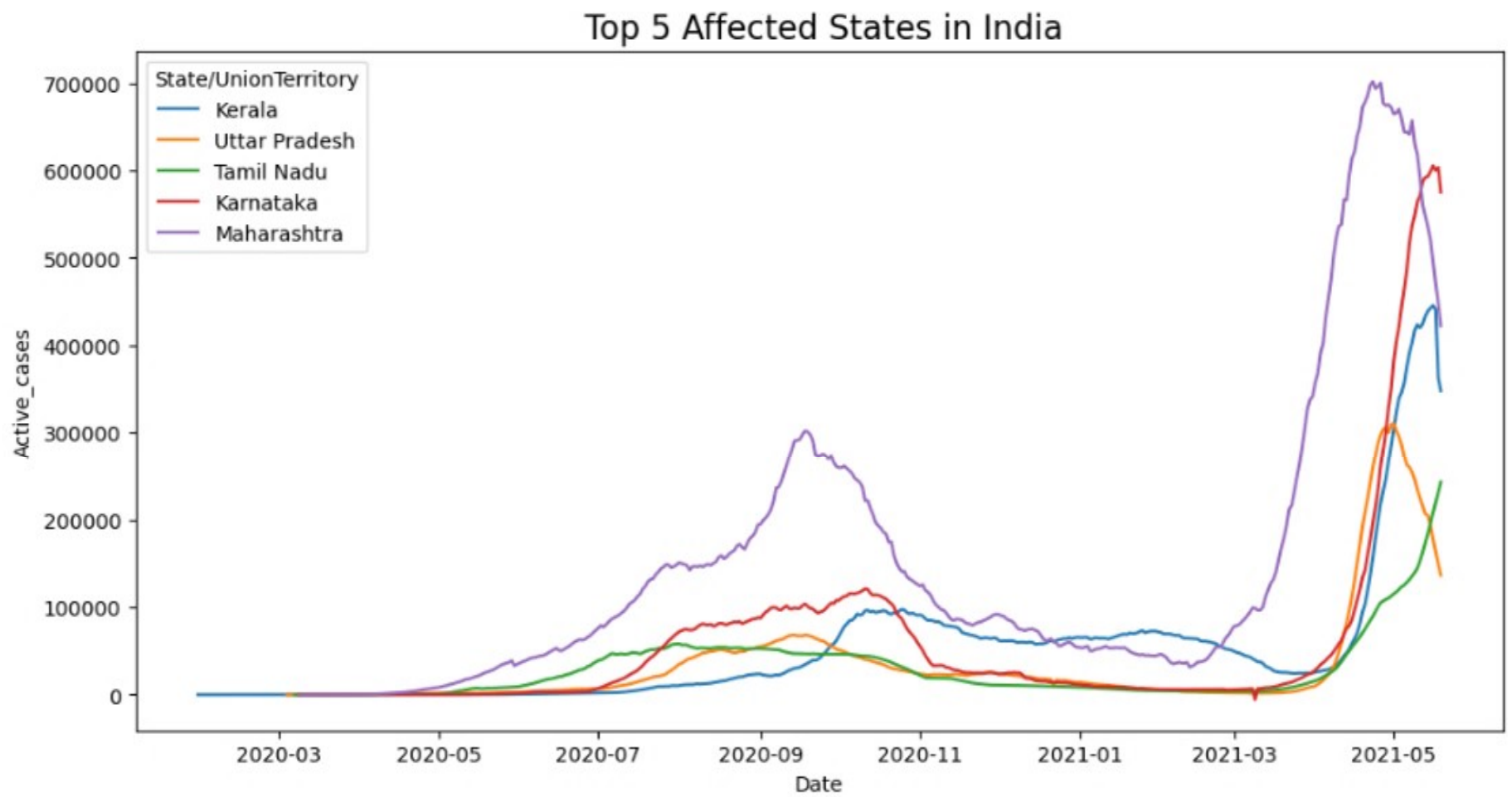
Out[203]: Text(0, 0.5, 'Toatal Death Cases')

Top 10 states with most Deaths

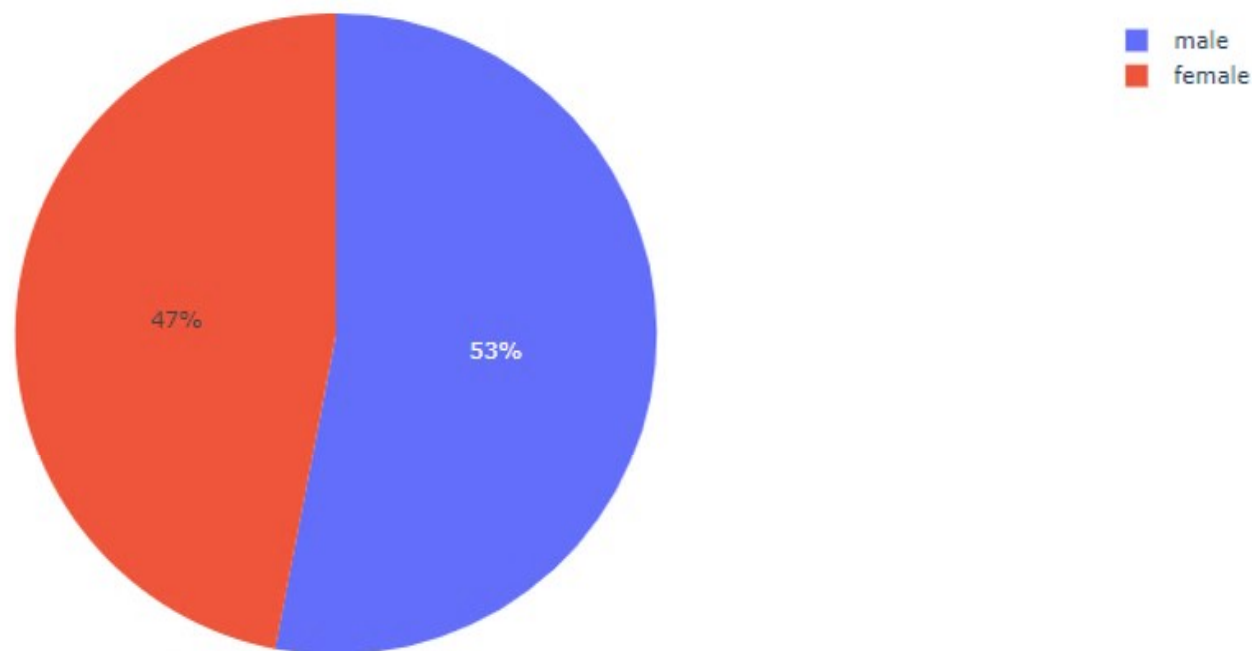


In [152]: # Growth Trend
fig= plt.figure(figsize = (12,6))

Out[152]: Text(0.5, 1.0, 'Top 5 Affected States in India')

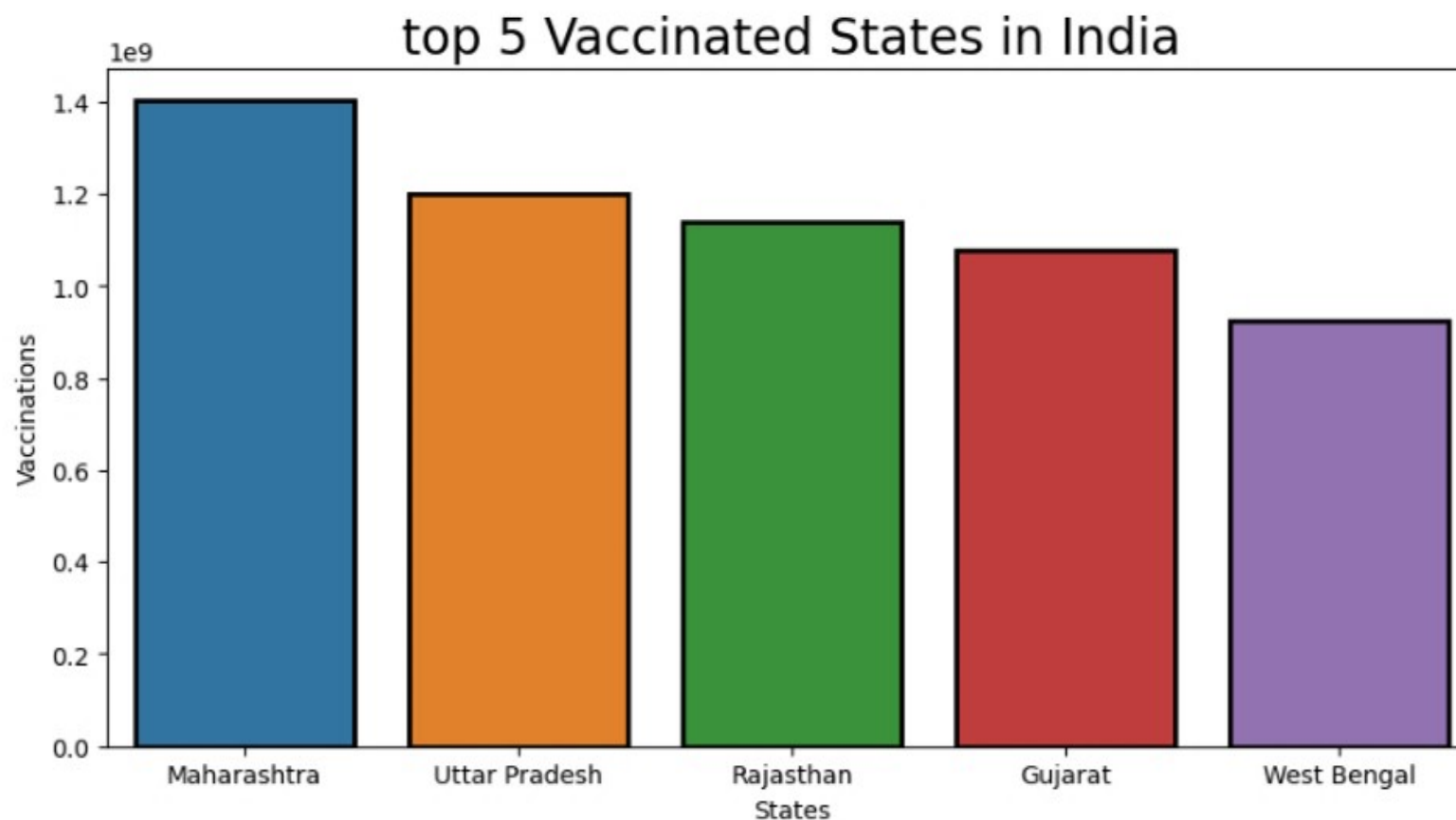


Male and female Vaccination



```
In [191]: # Remove rows where state = India
vaccine =vaccine_df[ vaccine_df.State!='India']
```

Out[197]: Text(0, 0.5, 'Vaccinations')



In []:

State/UnionTerritory	Confirmed	Cured	Deaths	Recovery Rate	Mortality Rate
Maharashtra	5433506.000000	4927480.000000	83777.000000	90.686934	1.541859
Karnataka	2272374.000000	1674487.000000	22838.000000	73.688882	1.005028
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Odisha	633302.000000	536595.000000	2357.000000	84.729718	0.372176
Telangana	536766.000000	485644.000000	3012.000000	90.475924	0.561138
Punjab	511652.000000	427058.000000	12317.000000	83.466497	2.407300
Telengana	443360.000000	362160.000000	2312.000000	81.685312	0.521472
Assam	340858.000000	290774.000000	2344.000000	85.306491	0.687676
Jharkhand	320934.000000	284805.000000	4601.000000	88.742545	1.433628
Uttarakhand	295790.000000	214426.000000	5132.000000	72.492647	1.735015
Jammu and Kashmir	251919.000000	197701.000000	3293.000000	78.478003	1.307166



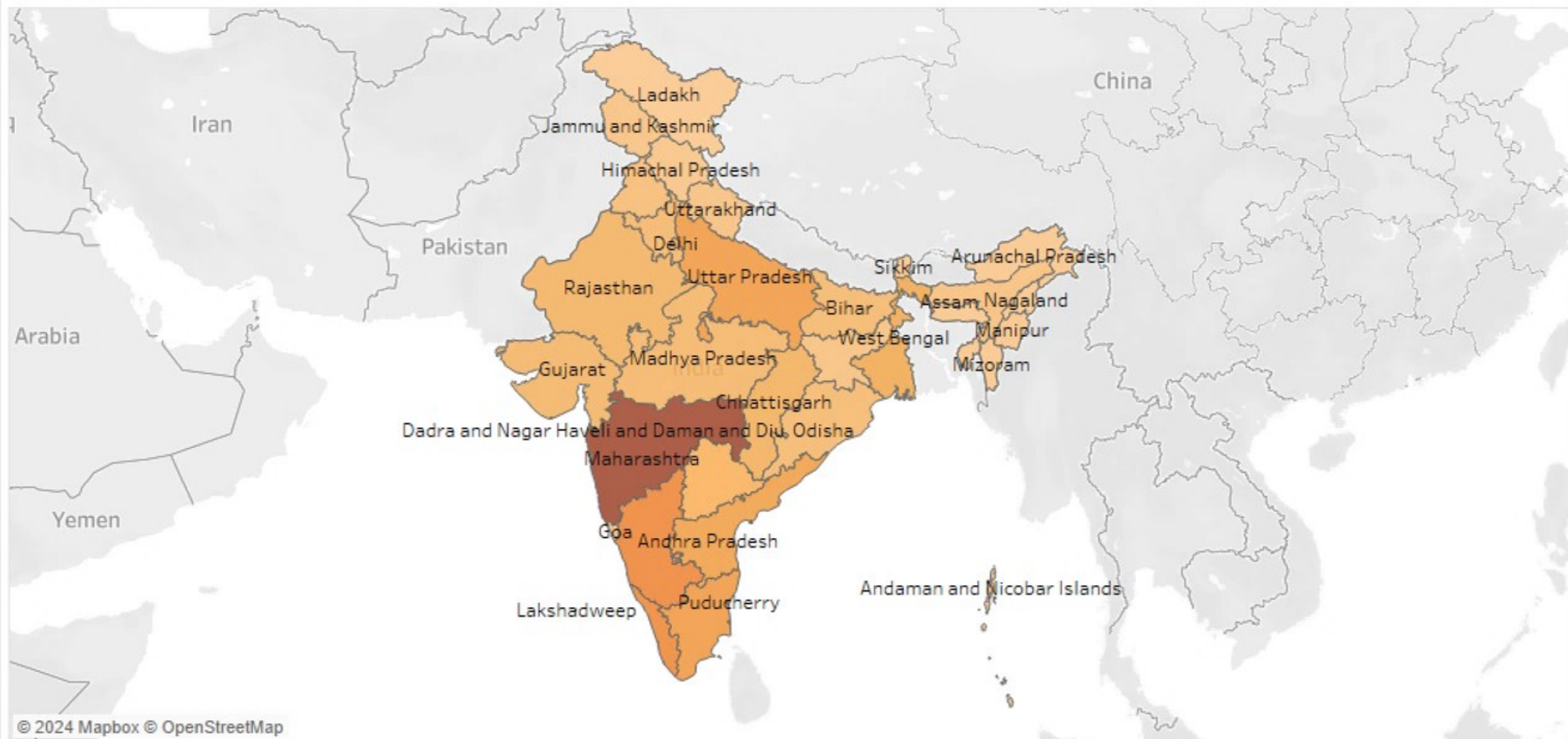
Columns

Longitude (generated)

Rows

Latitude (generated)

Covid 19 India



Covid 19 India Percentage Distribution of confi... Sheet 3 No. of cases weekly wise % comparison of Death vs Cured Covid 19 India Analysis

SUM of MAX(Confirmed): 25,939,692

vijetha varad

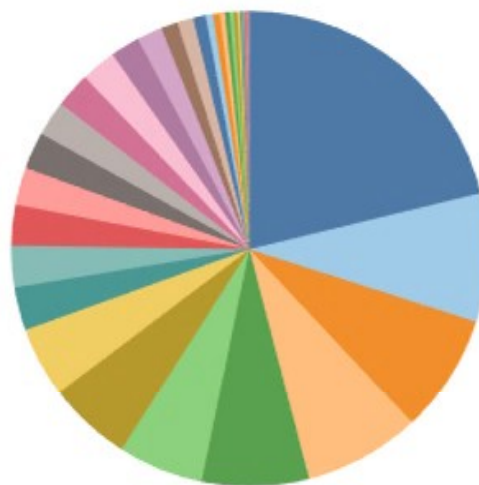




Columns

Rows

Percentage Distribution of confirmed cases of each state





Columns

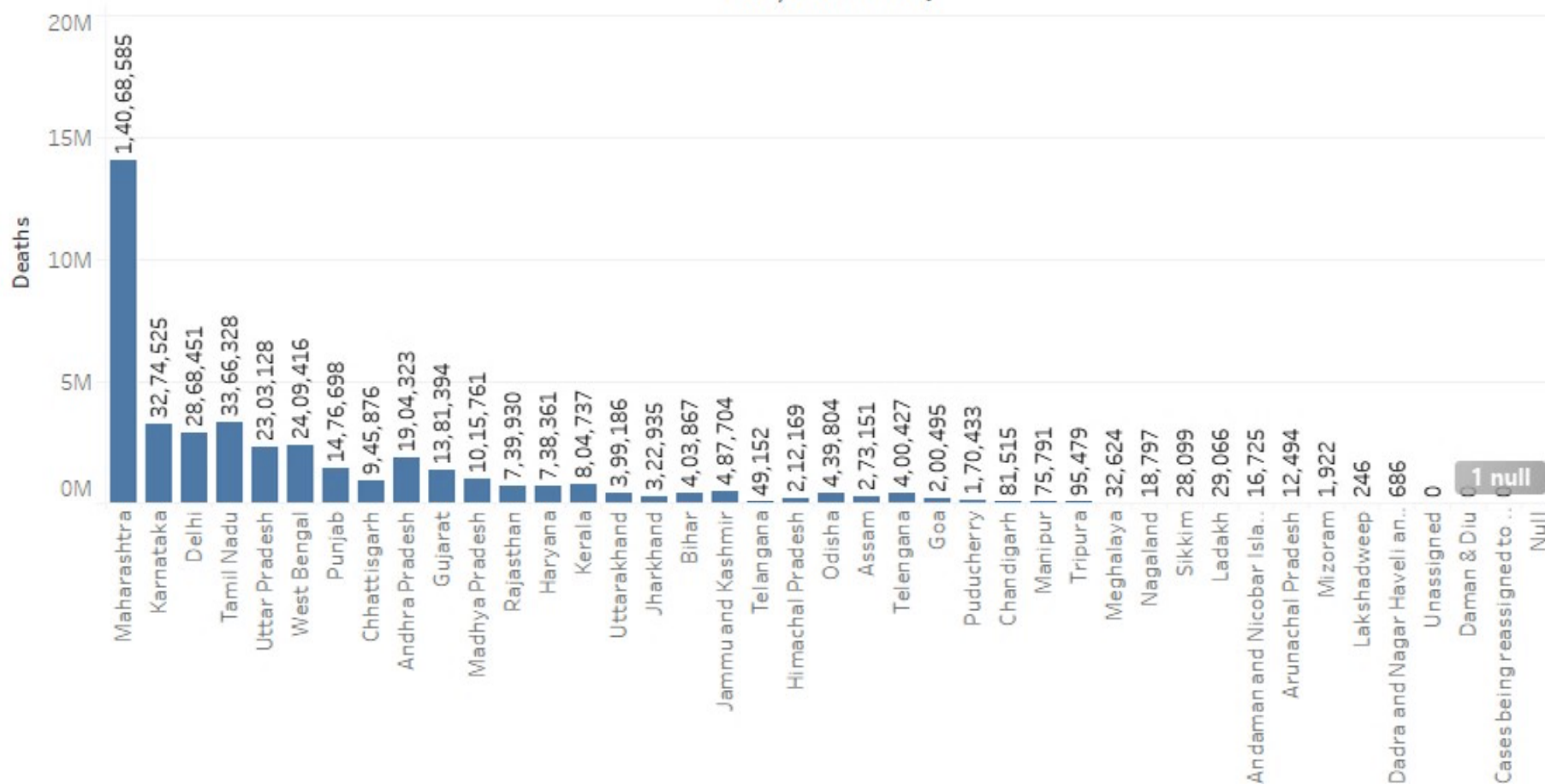
State/UnionTerrit..

Rows

SUM(Deaths)

Sheet 3

State/UnionTerritory





Columns

WEEK(Date)

Rows

Measure Names

No. of cases weekly wise

Week of Date

	26 January..	2 February..	9 February..	16 February..	23 February..	1 March 2020	8 March 2020	15 March 2020	22 March 2020	29 March 2020	5 April 2020	12 April 2020
Confirmed	1	3	3	3	3	3	39	110	360	1,024	3,577	8,447
Cured	0	0	0	0	0	0	3	13	24	96	275	765
Deaths	0	0	0	0	0	0	0	2	7	27	83	273

Text

lues





Standard

Columns

YEAR(Date)

WEEK(Date)

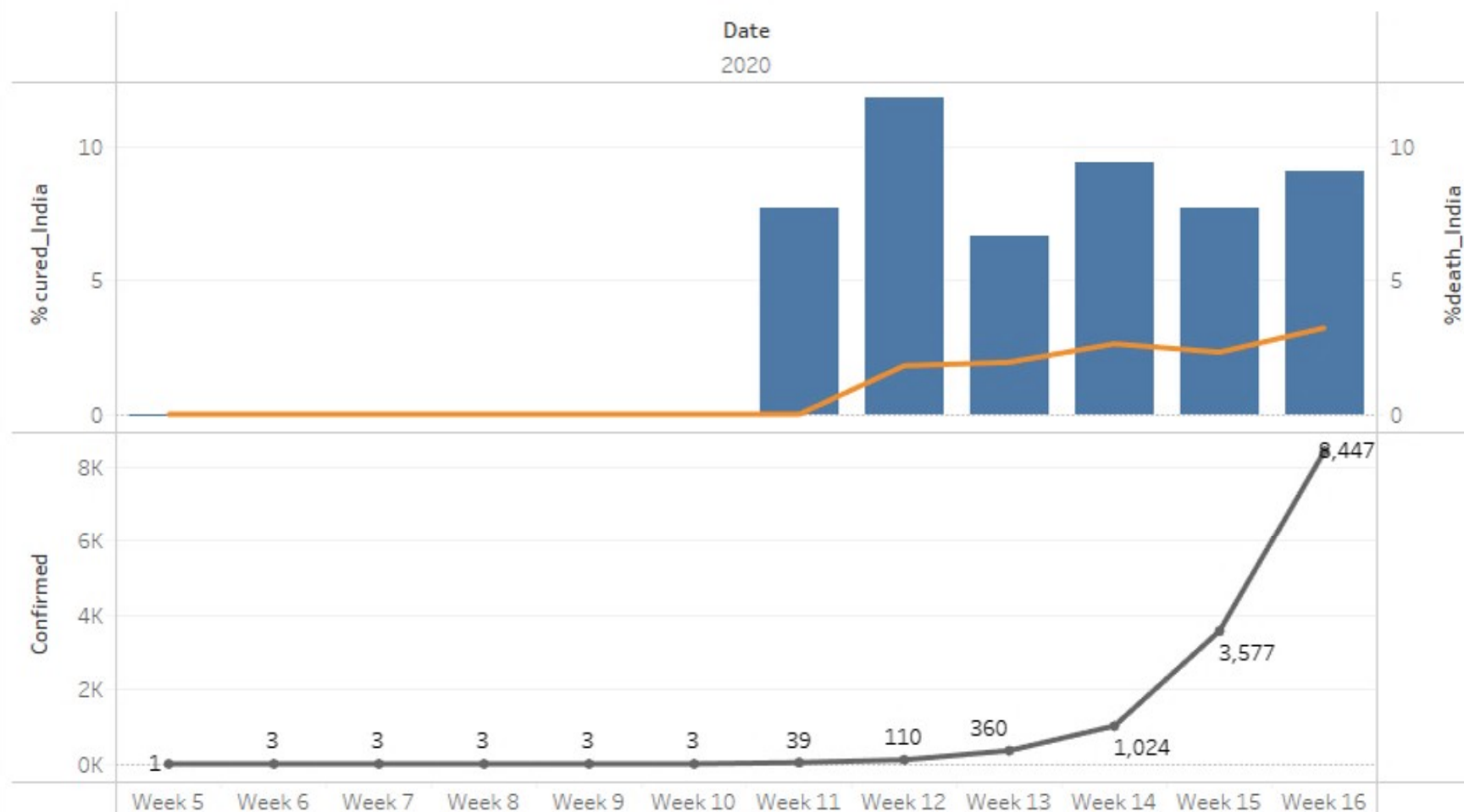
Rows

AGG(%cured_India)

AGG(%death_India)

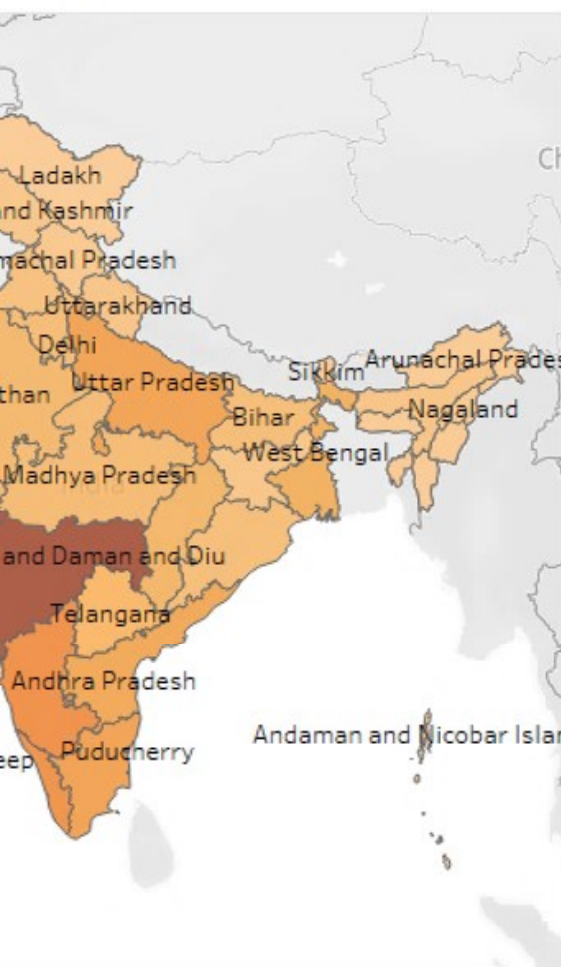
SUM(Confirmed)

% comparison of Death vs Cured

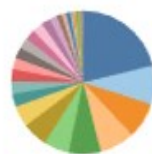


Covid 19 India Analysis

India



Percentage Distribution of confirmed cases of each state



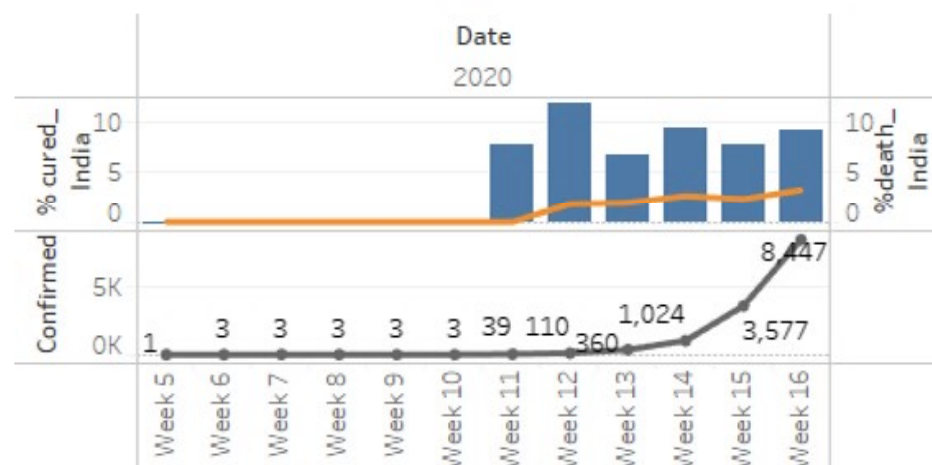
Max. Confirmed

2 54,33,506

State/Union Territory

- Maharashtra
- Karnataka
- Andhra Pradesh
- Tamil Nadu
- Kerala
- Uttar Pradesh
- Delhi

% comparison of Death vs Cured



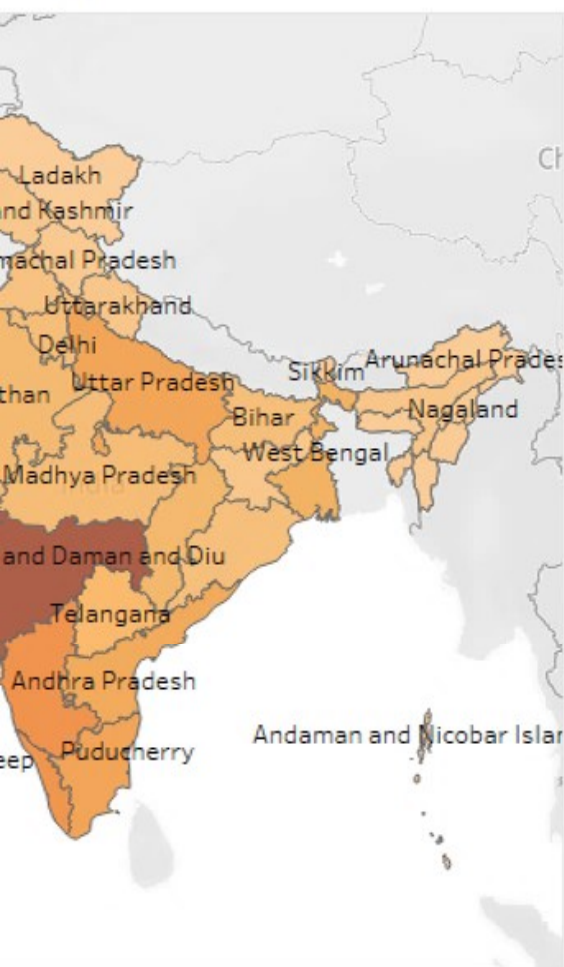
Measure Names

- % cured_India
- %death_India

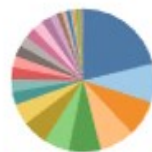


Covid 19 India Analysis

India



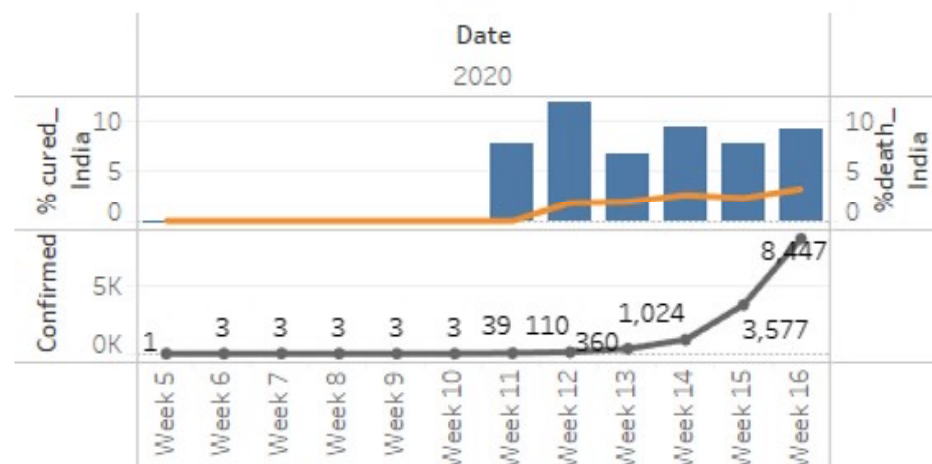
Percentage Distribution of confirmed cases of each state



State/Union Territory

- Maharashtra
- Karnataka
- Andhra Pradesh
- Tamil Nadu
- Kerala
- Uttar Pradesh
- Delhi

% comparison of Death vs Cured



Measure Names

- % cured_India
- %death_India

