

Smart Route Optimization Analytics in Logistics Using  
Dijkstra Algorithm

# Last-Mile Delivery Trends: Three-Month Data Analysis

Shortest Route Navigations - Less Time To Reach



By Day

By Month

By City



## Overview : Delivery Services

By Festival

Multi-Source Delivery Insights: Performance & Trends



.VenkateshCodes

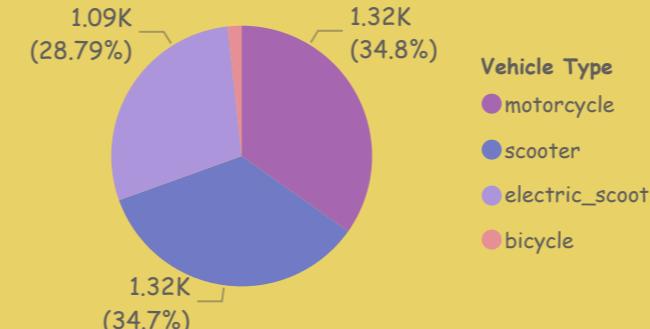


### Per Agent Delivery Performance

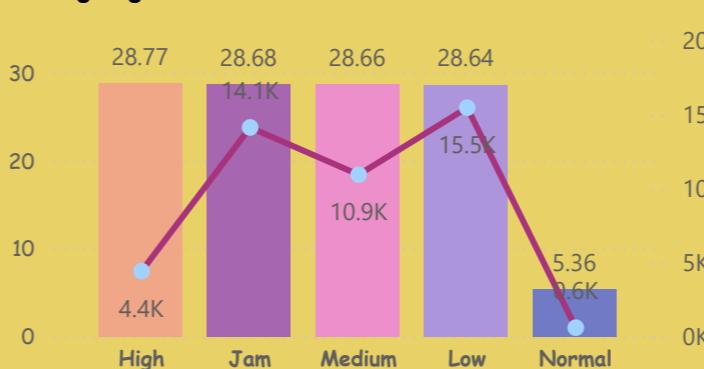


ID	Average Ratings	Total Orders	Delivery Speed	Normal Mode	Festival
AGRRES010DEL01	4.42	7	24.50		
AGRRES010DEL02	4.36	14	28.80		1
AGRRES010DEL03	4.60	10	27.62		
AGRRES01DEL01	3.39	11	26.83		
AGRRES01DEL02	4.70	6	24.43		
AGRRES01DEL03	4.59	9	23.93		
AGRRES02DEL01	4.27	7	30.82		1
AGRRES02DEL02	4.61	6	26.70		
AGRRES02DEL03	4.63	7	25.50		
AGRRES03DEL01	4.37	13	28.77		1
AGRRES03DEL02	4.74	8	21.25		
AGRRES03DEL03	4.68	12	24.15		
AGRRES04DEL01	4.73	11	26.33		
AGRRES04DEL02	4.77	9	28.92		
AGRRES04DEL03	4.63	9	27.09		
AGRRES05DEL01	4.70	7	24.56		
AGRRES05DEL02	4.55	8	27.36		
AGRRES05DEL03	4.65	12	24.60		
<b>Total</b>	<b>4.44</b>	<b>33204</b>	<b>26.29</b>		<b>616</b>

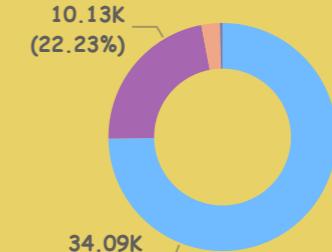
### Performance By Vehicle Type



### Delivery Trend By Traffic



### Service By City Type



### Avg Order Type by Time

Buffet	Snack	Drinks
3 48.09	1 26.83	
2 40.54	0 22.95	
Meal		
3 47.64	1 26.91	
2 40.63	0 23.01	
	0 22.73	0 22.79

# Delivery Analytics Insights:2022



Total Deliveries

7242

Delivery Satisfaction

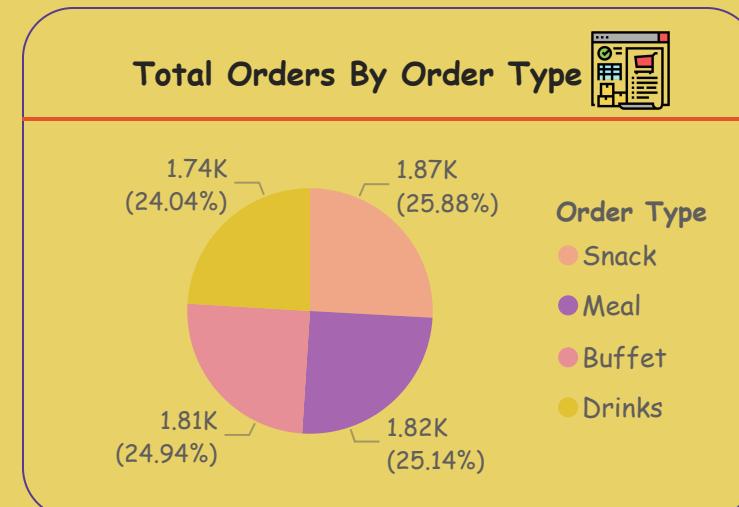
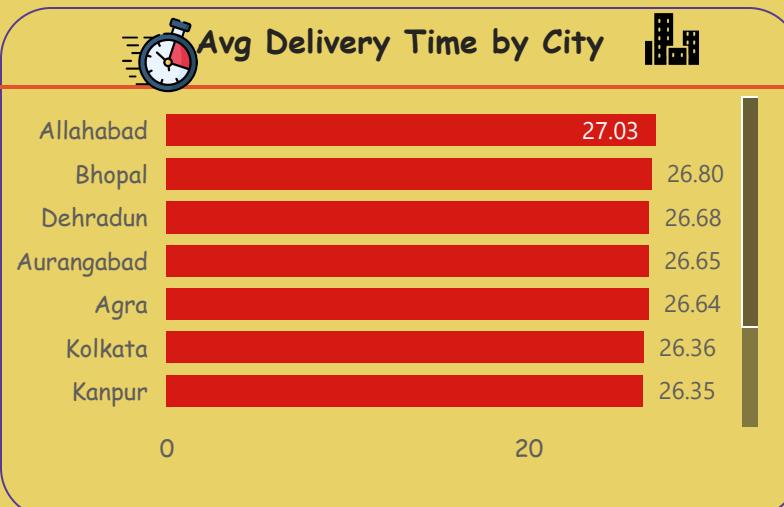
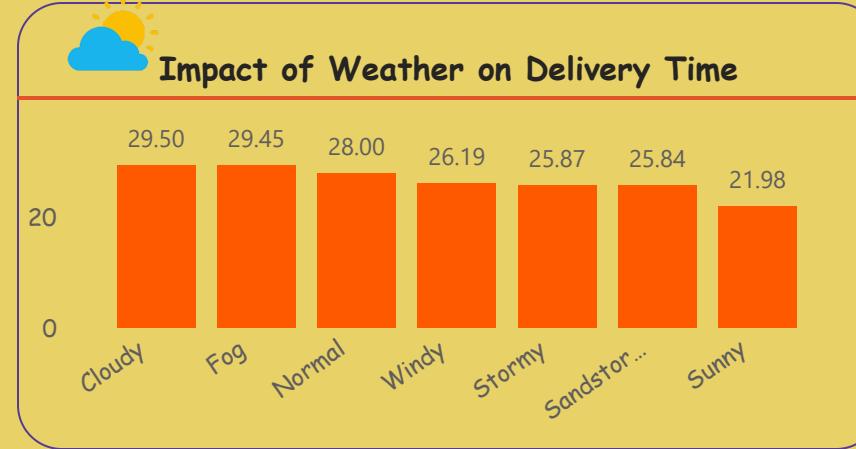
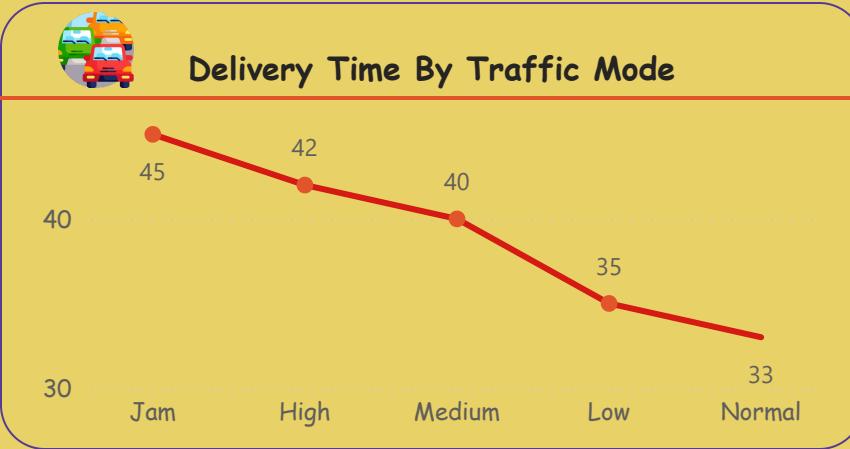
3.00 4.44 5.50 6.00

Average Time Takes PerOrder

26.53

**Delivery Changes Here!!!!**

Month Name	▼
February	▼
City Name	▼
All	▼
Festival	▼
All	▼
Vechicle Type	▼
All	▼
Traffic Type	▼
All	▼



The dashboard shows to Identifying the trends in Various Modes

City Name

Order Type

## Delivery Agent Analysis: Performance

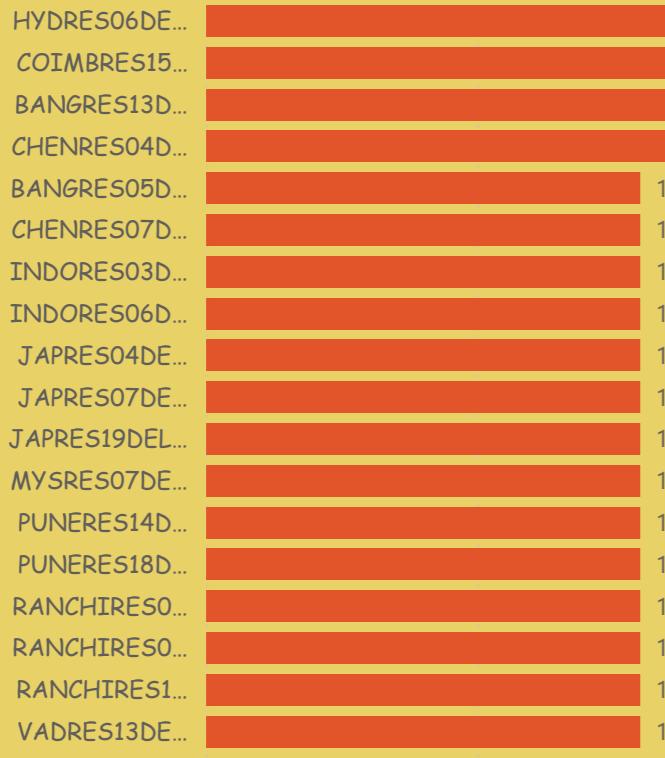
Month

Day

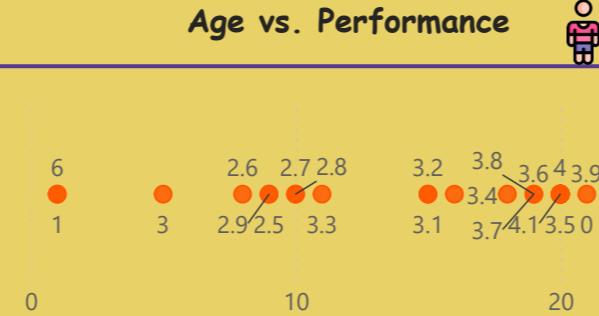
Weather



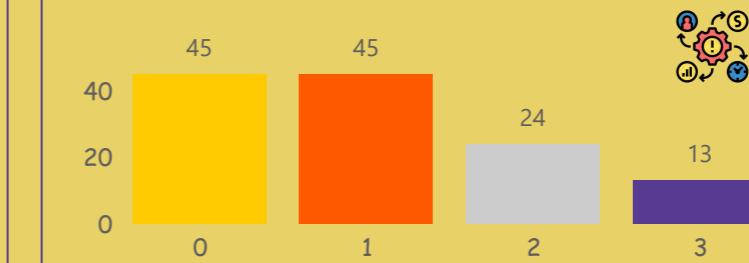
Top & Bottom Performing Delivery Persons



Age vs. Performance



Impact of Multiple Deliveries on Delivery Time



Trend on Festival vs Normal Days

● Normal Orders ● Festival Orders



Total Orders Per Vehicle

● Single Orders ● Multiple Orders

