

## OVERVIEW

# RCB STAMPEDE: INCIDENT ANALYSIS

Filter by Event Phase

- Early Arrival
- Incident
- Peak Arrival
- Post-Incident

Major Injuries

1427

% Invalid Tickets

63.85%

Peak Crowd Density

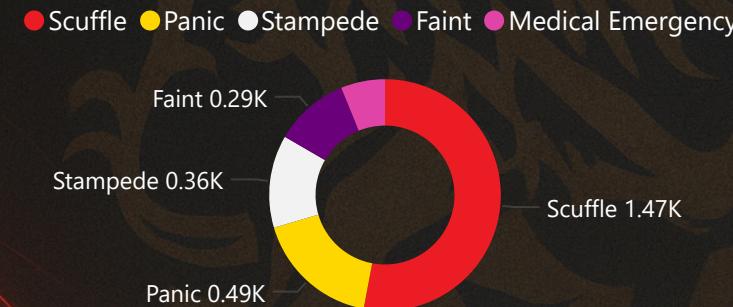
7.00

Total Incidents

2636

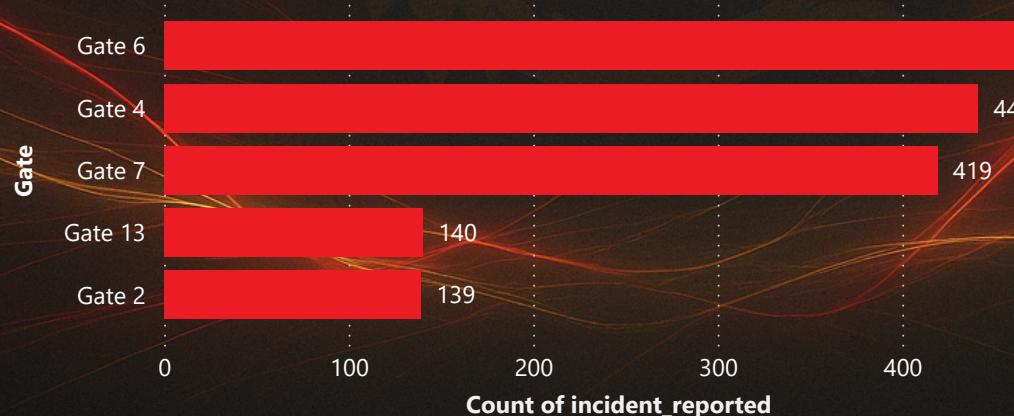
CROWD ANALYSIS

### Incident Breakdown by Type



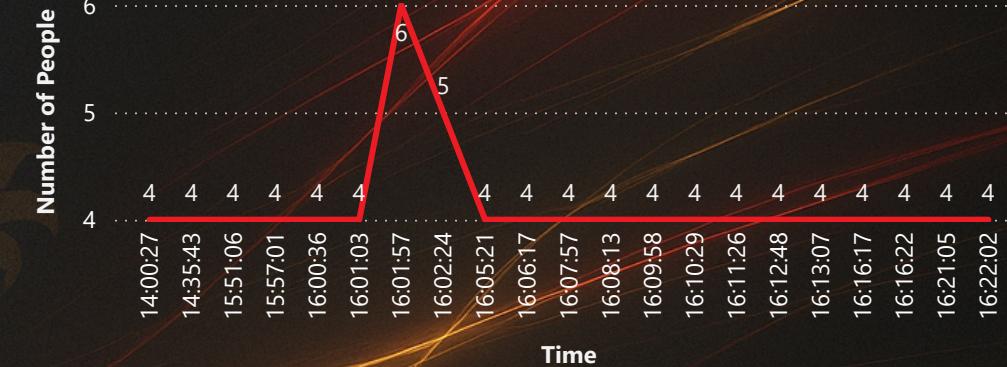
LOCATION DETAIL

### Incidents per Entry Gate



RESPONSE

### Event Timeline: Crowd Size v/s Incidents



### Geographic Overview of Incidents



# RCB STAMPEDE: CROWD ANALYSIS

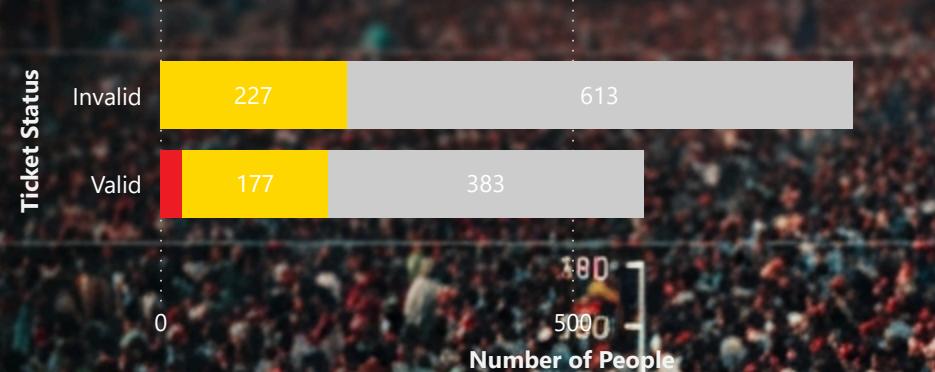
OVERVIEW

CROWD ANALYSIS

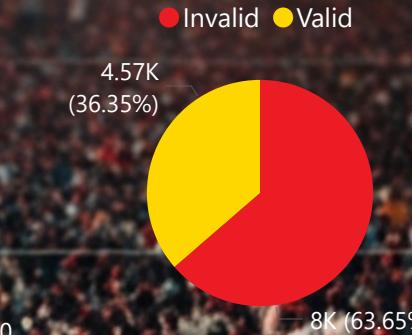
LOCATION DETAIL

RESPONSE

## Injury Severity by Ticket Status



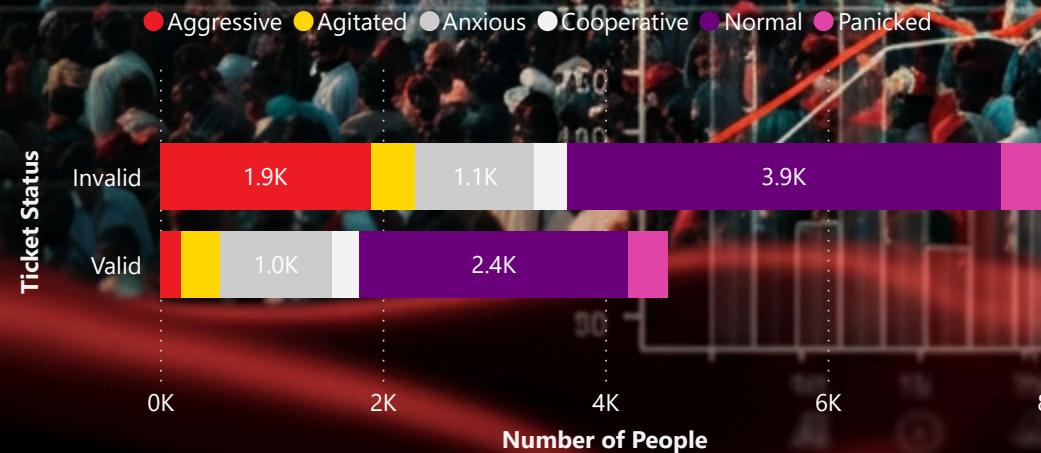
## Ticket Status Breakdown



## Attempted Entry Failures

Ticket Status	attendee_id
Invalid	12565
Invalid	12540
Valid	12531
Invalid	12528
Invalid	12521
Valid	12517
Invalid	12516

## Crowd Behavior: Valid vs. Invalid Tickets



## Crowd Density by Gate & Phase

Gate	Early Arrival	Incident	Peak Arrival	Post-Incident	Total
Gate 7	0.85	4.45	2.92	2.40	<b>2.84</b>
Gate 6	0.89	4.16	2.94	2.18	<b>2.76</b>
Gate 4	0.96	4.29	2.72	2.17	<b>2.71</b>
Gate 2	0.89	3.44	2.48	1.76	<b>2.33</b>
Gate 9	0.81	4.02	2.29	1.65	<b>2.32</b>
Gate 1	0.78	3.85	2.34	1.81	<b>2.31</b>
Gate 10	0.79	3.54	2.28	1.80	<b>2.27</b>
Gate 12	0.76	3.65	2.42	1.48	<b>2.23</b>
Gate 13	0.81	3.24	2.39	1.65	<b>2.22</b>
Gate 3	0.93	3.44	2.34	1.83	<b>2.20</b>
Gate 11	0.75	3.44	2.14	1.78	<b>2.16</b>
Gate 8	0.82	3.19	2.25	1.88	<b>2.15</b>
Gate 5	0.86	3.66	1.89	1.53	<b>2.10</b>
<b>Total</b>	<b>0.86</b>	<b>3.91</b>	<b>2.56</b>	<b>1.97</b>	<b>2.49</b>

# RCB STAMPEDE: HOTSPOT MAP

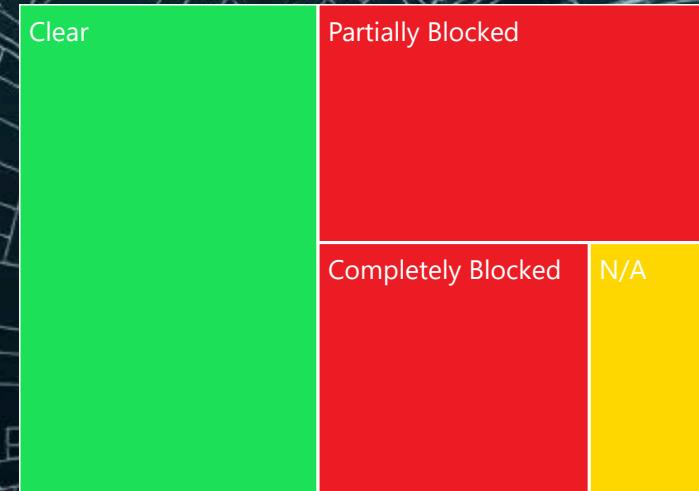
OVERVIEW

CROWD ANALYSIS

LOCATION DETAIL

RESPONSE

## Exit Status During Incident



## Top 5 Most Dangerous Locations

location_category	Sum of Is_Critical_Injury
At Gate Entrance	103
Cubbon Park Metro Station Exit	38
Cubbon Road (Stadium Side)	59
Main Queue Line	85
Watching from Home	0
<b>Total</b>	<b>285</b>

## Average Crowd Density by Location



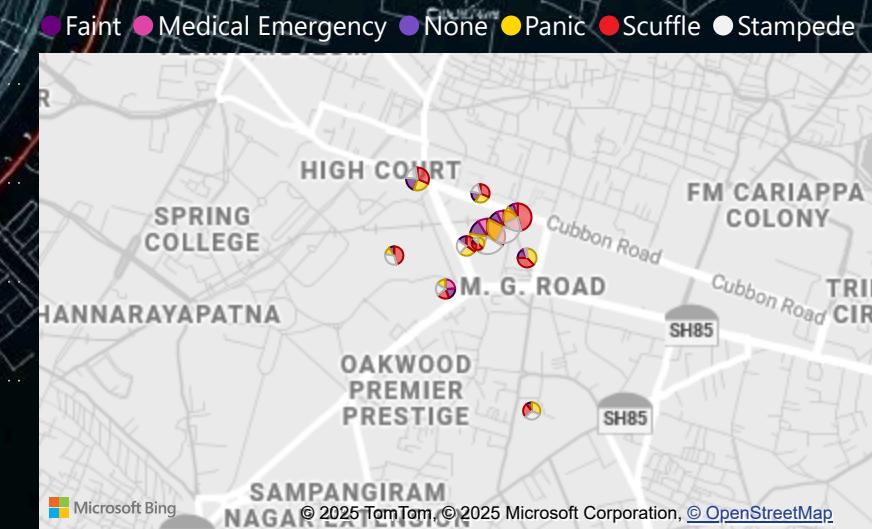
Filter by Gate

- Gate 1
- Gate 10
- Gate 11

location\_category

- Anil Kumble Circle
- At Gate Entrance
- Cubbon Park Metro Station Exit
- Cubbon Road (Stadium Side)
- Inside Cubbon Park (Near Stadi...
- Inside Police Cordon
- Main Queue Line

## Critical Injury Hotspots



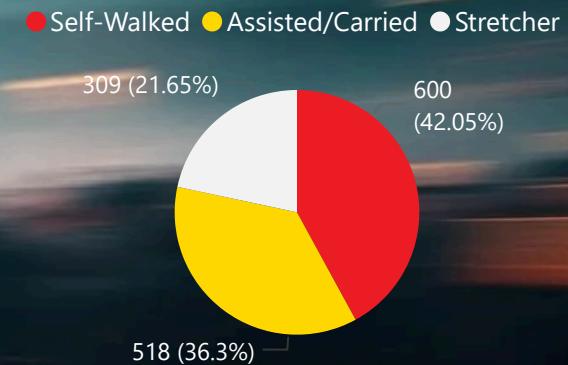
OVERVIEW

# RCB STAMPEDE: RESPONSE

**Peak Social Media Mentions**  
(per minute)  
**49**

**Panic Button Presses**  
**725**

## Evacuation Methods for Critical Injuries



CROWD ANALYSIS

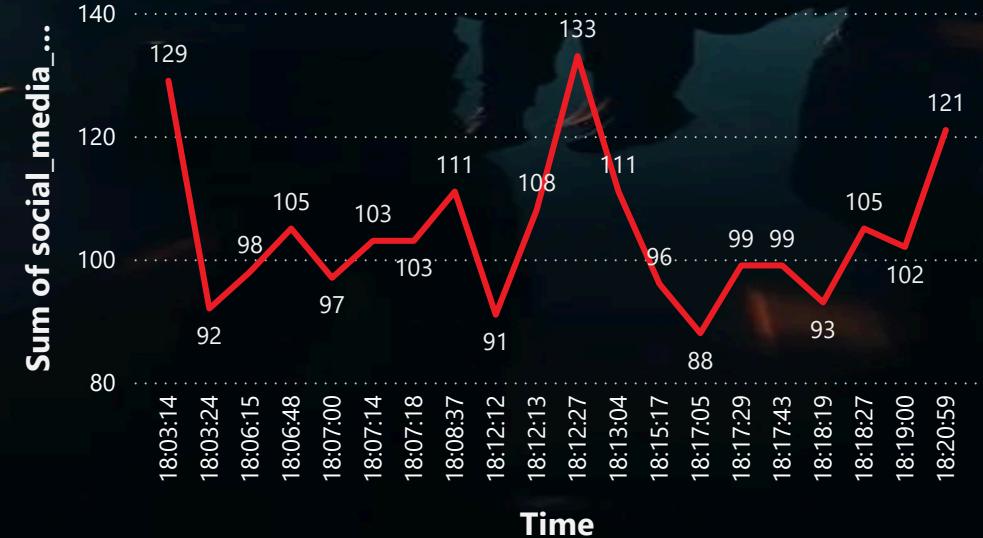
### Avg. Response Time

(in min)



LOCATION DETAIL

### Social Media Activity Timeline



RESPONSE

### First Responder Analysis

first_responder_type	Fatal	Major	Minor	Total
Bystander			216	216
Paramedic	27	404		431
Police			208	208
Stadium Security			572	572
<b>Total</b>	<b>27</b>	<b>404</b>	<b>996</b>	<b>1427</b>

### Information Spread During Crisis

