Optimizing Last-Mile Delivery: Planning for Cost Reducation

Tracking Extra-Trips

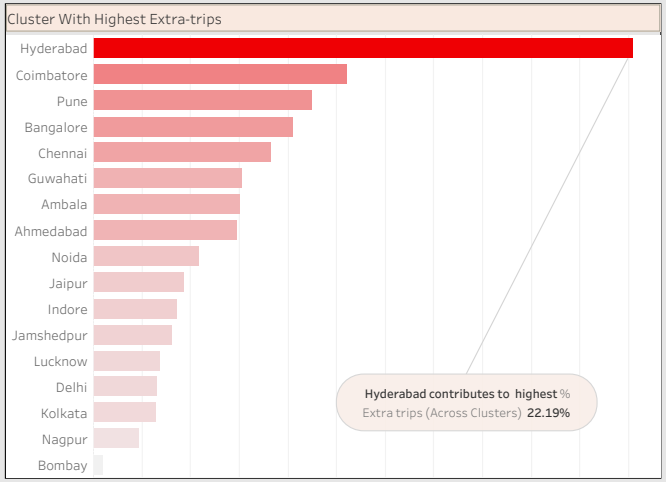
Payout Summary | Overpayment

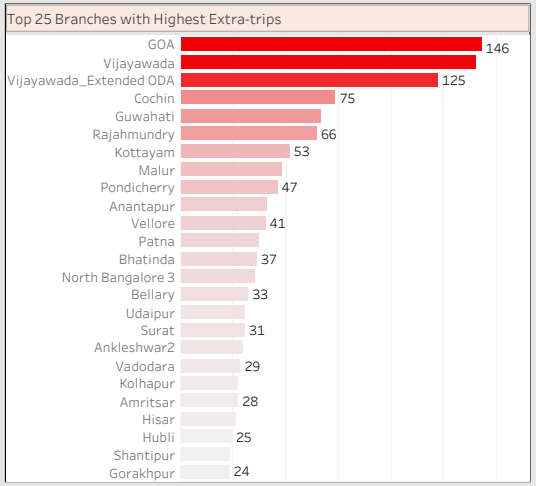
Regional Report | Cost Reduction

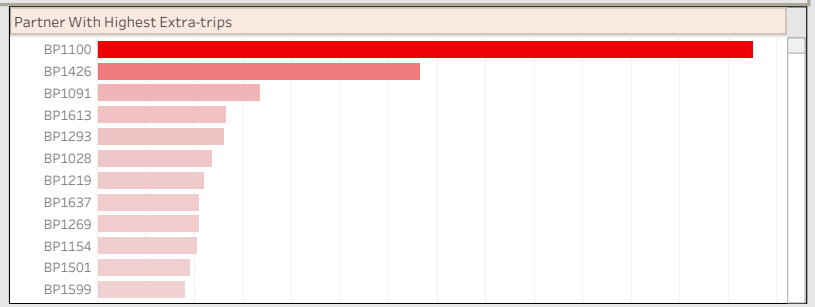
Total Consignments	Total Trips	Total Extra-Trips
16,489	7,202	2,420

Extra Trips by Category

DNP	NP
357	2,063







Weekly Analysis : Extra-Trips by Cluster

	May 26, 2019	May 19, 2019	May 12, 2019	April 28, 2019	May 5, 2019
Hyderabad	116	126	110	65	120
Coimbatore	64	51	43	42	52
Pune	38	45	54	22	58
Bangalore	39	49	52	21	37
Chennai	31	31	45	15	55
Guwahati	29	32	47	20	20
Ambala	25	21	41	20	38
Ahmedabad	34	33	28	19	29
Noida	27	20	18	8	32
Jaipur	9	17	22	19	23
Indore	20	25	13	6	20
Jamshedpur	18	28	16	4	12
Lucknow	18	7	17	14	10
Delhi	24	15	12	7	5
Kolkata	4	18	15	7	18
Nagpur	10	8	7	10	10
Bombay	3	1	3	1	2

Optimizing Last-Mile Delivery: Planning for Cost Reduction

Payouts Summary for Finance Team | Tracking Extra-trips | Overpayment | Regional Report | Cost Reduction

Partners (BP ID)

All

Total Current payout

₹14,428,902.76

Current Payout by trip Category

DNP	₹4,598,204.27
NP	₹9,830,698.49

Weight delivered

2,743,415

Current Cost per Kg by Trip Catagory

DNP	₹8.43
NP	₹4.47
Grand Total	**₹5.26**

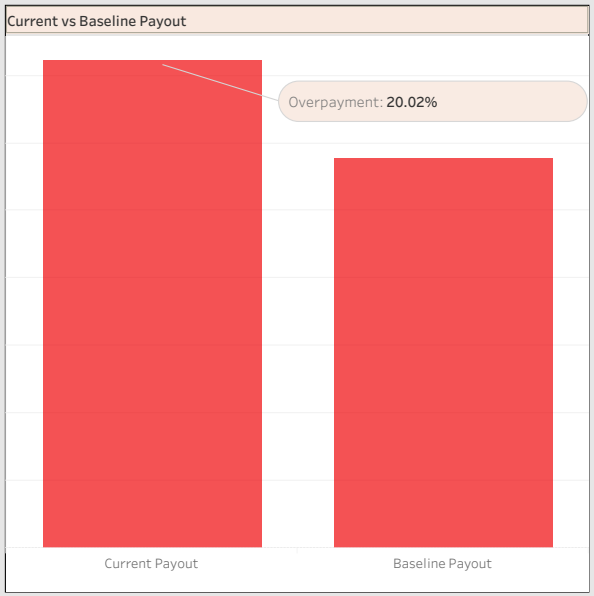
Baseline Cost per KG by Trip Category

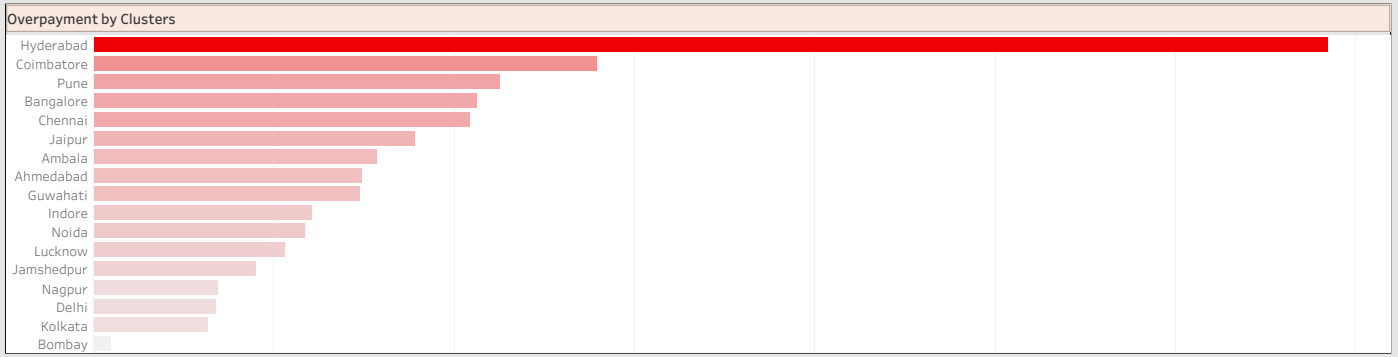
DNP	₹6.94
NP	₹3.53
Grand Total	**₹4.21**

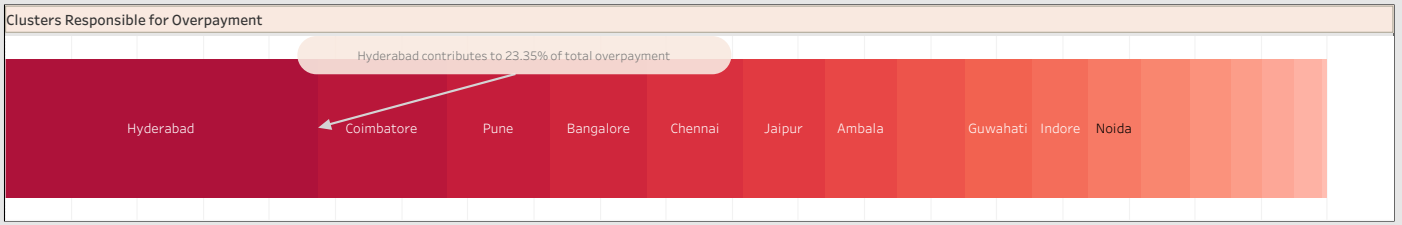
Optimizing Last-Mile Delivery: Planning for Cost Reducation

Overpayment Summary

Tracking Extra-trips | Payout Summary | Regional Report | Cost Reduction





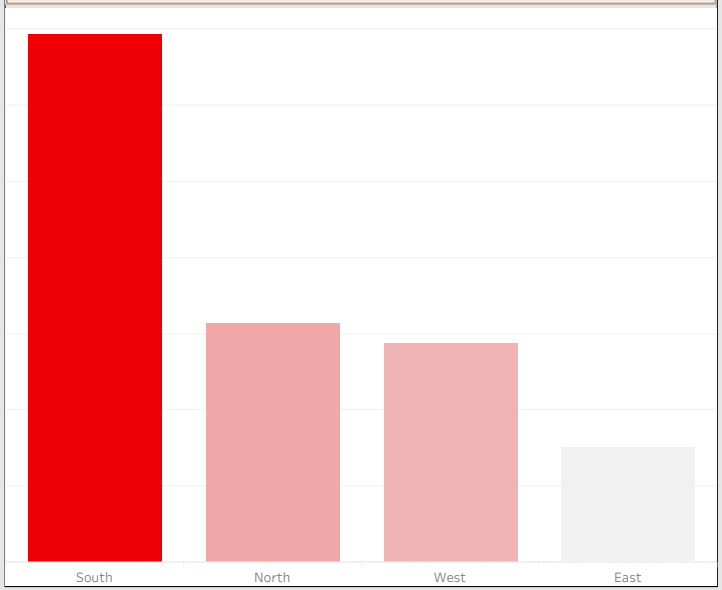


Optimizing Last-Mile Delivery: Planning for Cost Reduction

Region & Cluster Level Payment Analysis

Tracking Extra-trips | **Payout Summary** | **Overpayment** | **Cost Reduction**

Overpayment by Region



Clusters Based on Payment

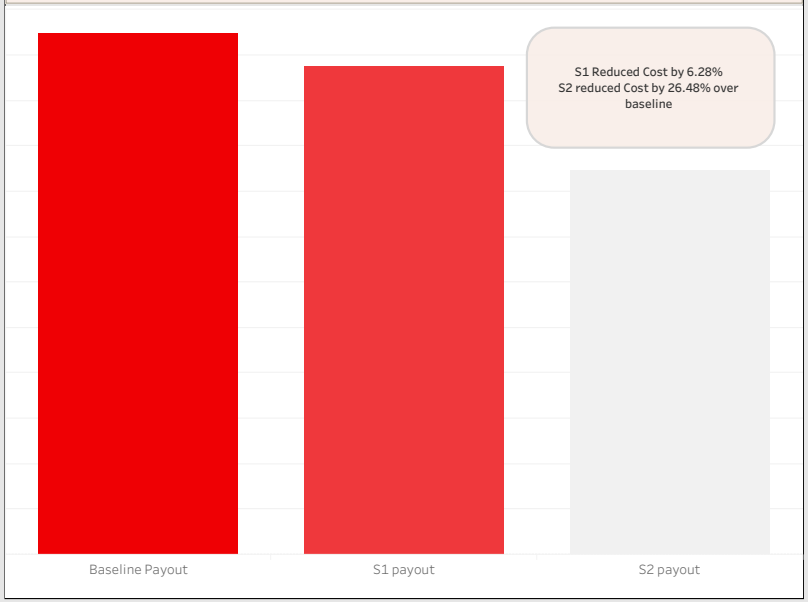
Region	Cluster Name	Current Trips	Allowed Trips	% Extra trips (By_Cluster)	% Extra trips (Across Clusters)	% Overpayment (Across Clusters)	Overpay
South	Bangalore	482	284	41.08%	8.18%	7.37%	₹213,000.00
	Chennai	441	264	40.14%	7.31%	7.22%	₹208,600.00
	Coimbatore	646	394	39.01%	10.41%	9.68%	₹279,700.00
	Hyderabad	1,015	478	52.91%	22.19%	23.71%	₹685,000.00
North	Ambala	529	384	27.41%	5.99%	5.45%	₹157,300.00
	Delhi	225	162	28.00%	2.60%	2.35%	₹67,900.00
	Jaipur	275	185	32.73%	3.72%	6.19%	₹178,700.00
	Lucknow	386	320	17.10%	2.73%	3.68%	₹106,300.00
	Noida	435	330	24.14%	4.34%	4.06%	₹117,200.00
West	Ahmedabad	599	456	23.87%	5.91%	5.15%	₹148,800.00
	Bombay	74	64	13.51%	0.41%	0.34%	₹9,800.00
	Indore	352	268	23.86%	3.47%	4.19%	₹120,900.00
	Nagpur	191	146	23.56%	1.86%	2.38%	₹68,800.00
	Pune	583	366	37.22%	8.97%	7.82%	₹225,900.00
East	Guwahati	345	197	42.90%	6.12%	5.11%	₹147,500.00
	Jamshedpur	333	255	23.42%	3.22%	3.11%	₹89,900.00
	Kolkata	291	229	21.31%	2.56%	2.19%	₹63,400.00

Optimizing Last-Mile Delivery: Planning for Cost Reduction

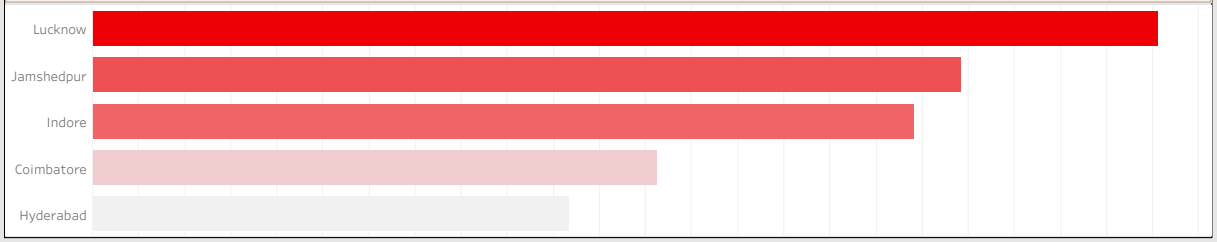
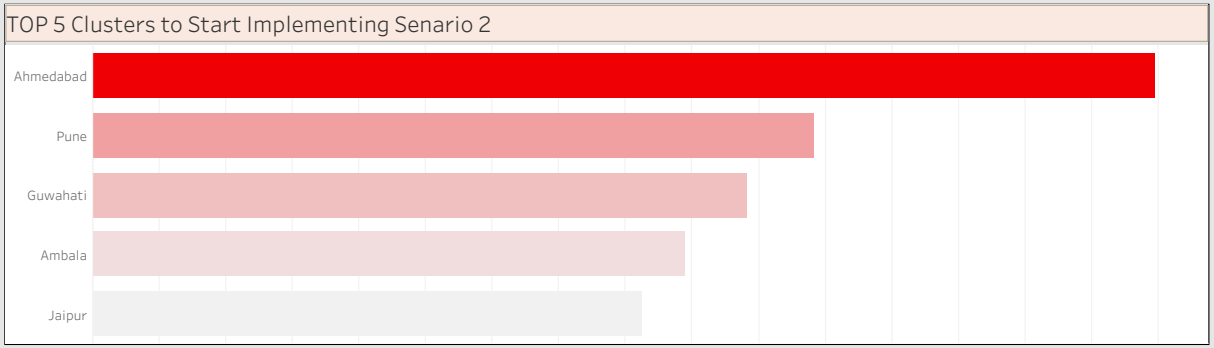
Baseline Process Optimization

Tracking Extra-trips | Payout Summary | Overpayment | Regional Report

Cost Reduction Over Baseline



TOP 5 Clusters to Start Implementing Senario 1



TOP 5 Clusters to Start Implementing Senario 2