92.36
Machine_Utilization

1866
Total_Defects

14.37
Avg_Lead_Time

Sum of Defect_Count and Sum of Correction_Cost_USD by Root_Cause

272 !
Goal: 2428 (-88.8%)

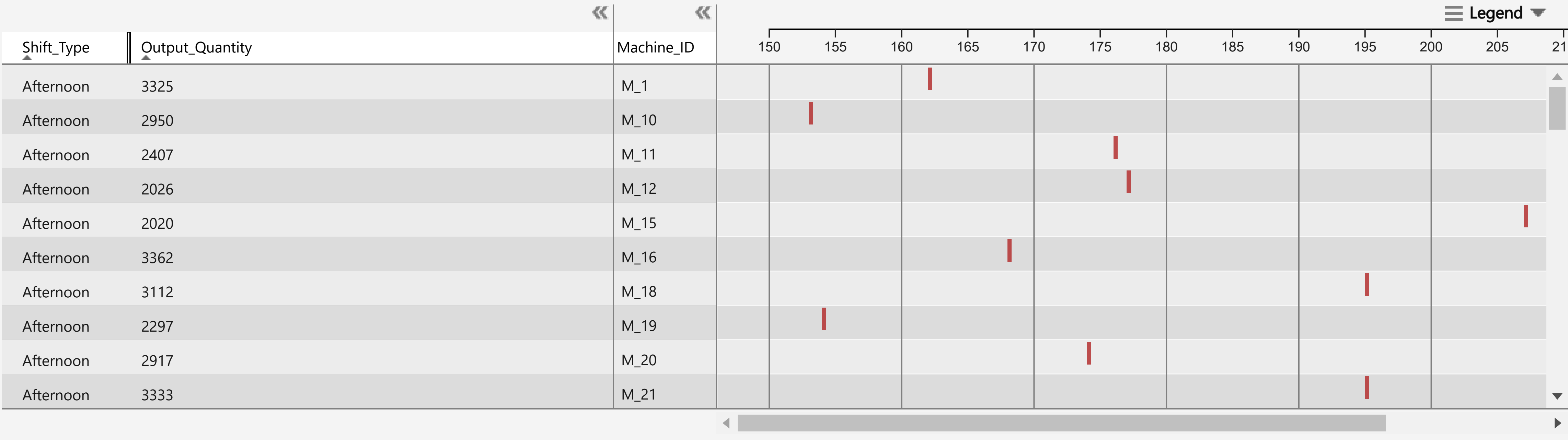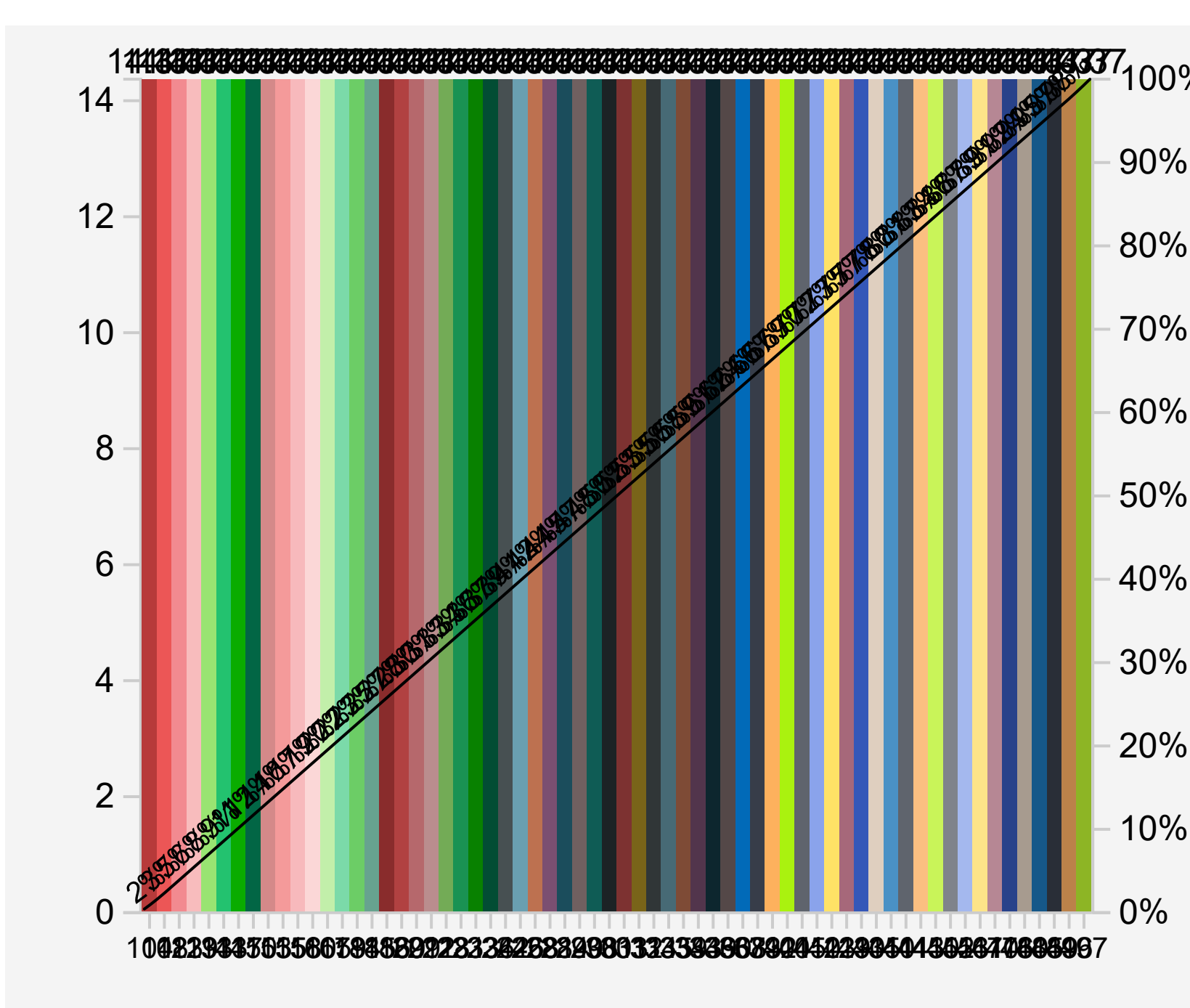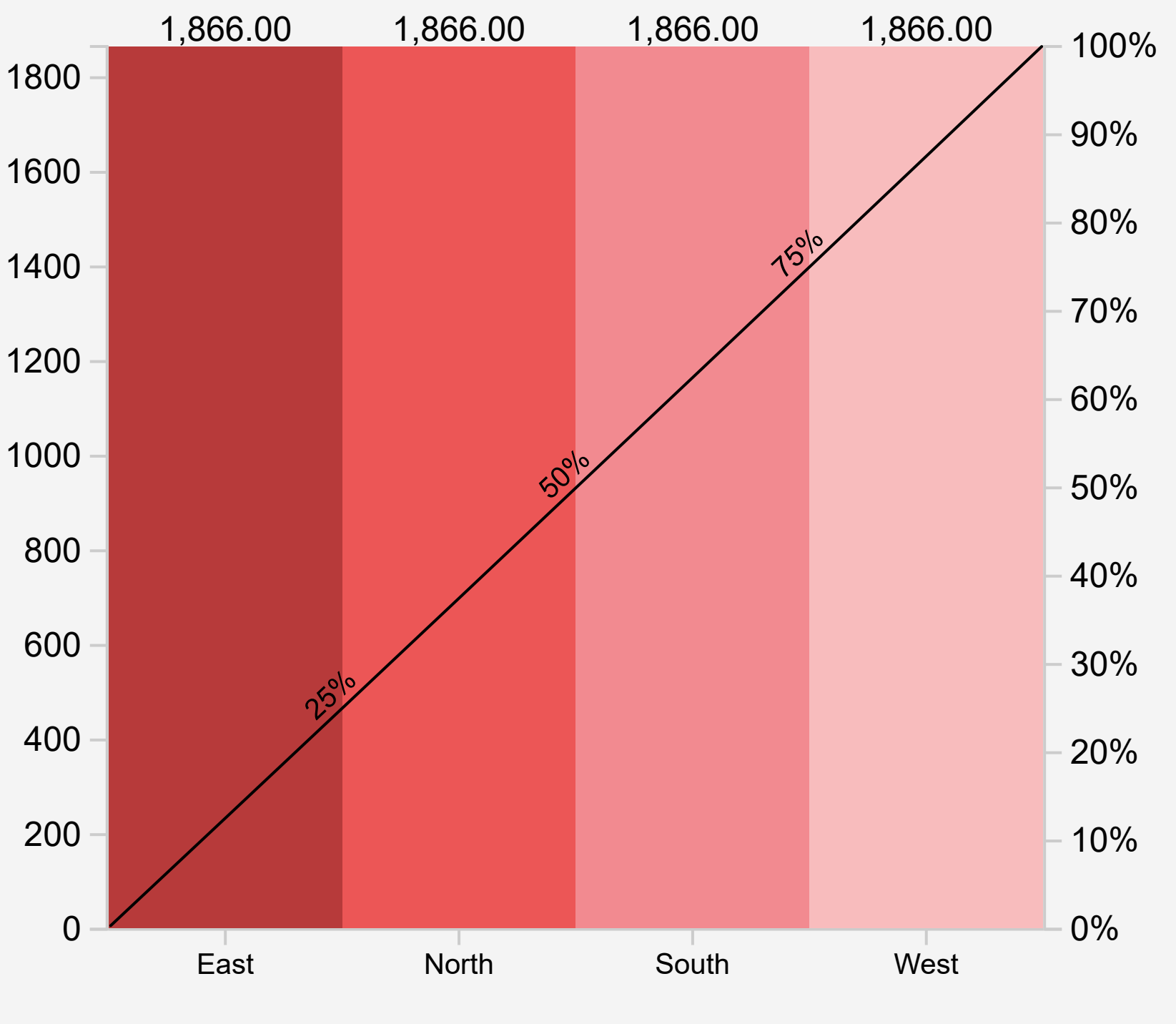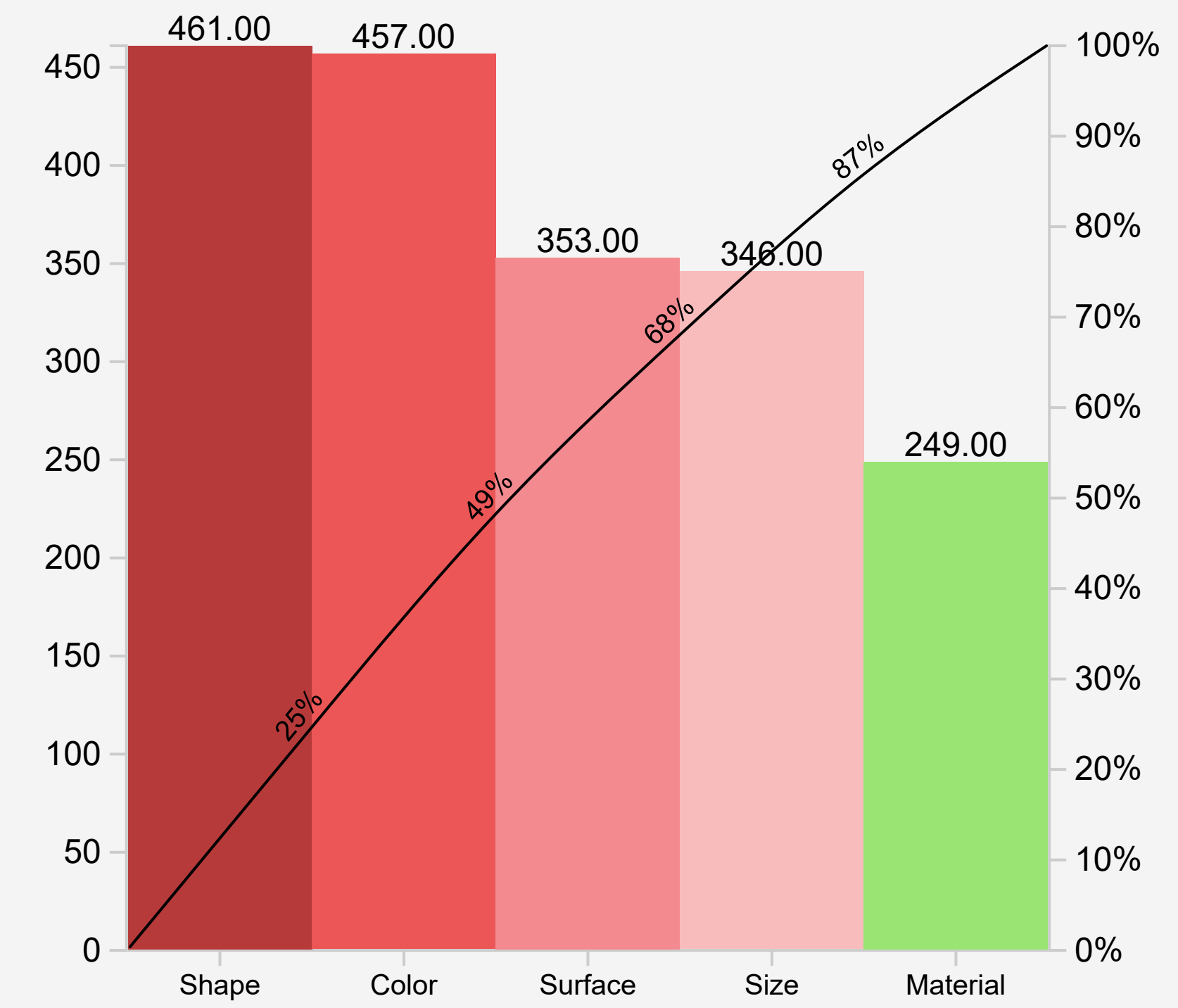## Sum of Lead_Time_Days by Region

332

CARD VISUALS TO DISPLAY KEY PERFORMANCE INDICATORS OF ALL 3 MEASURES

Sum of Production_Time_Hours, Sum of Downtime_Hours and Sum of Machine_Utilization_Percent by Shift_Type, Output_Quantity and Machine_ID

≡ Legend ▾

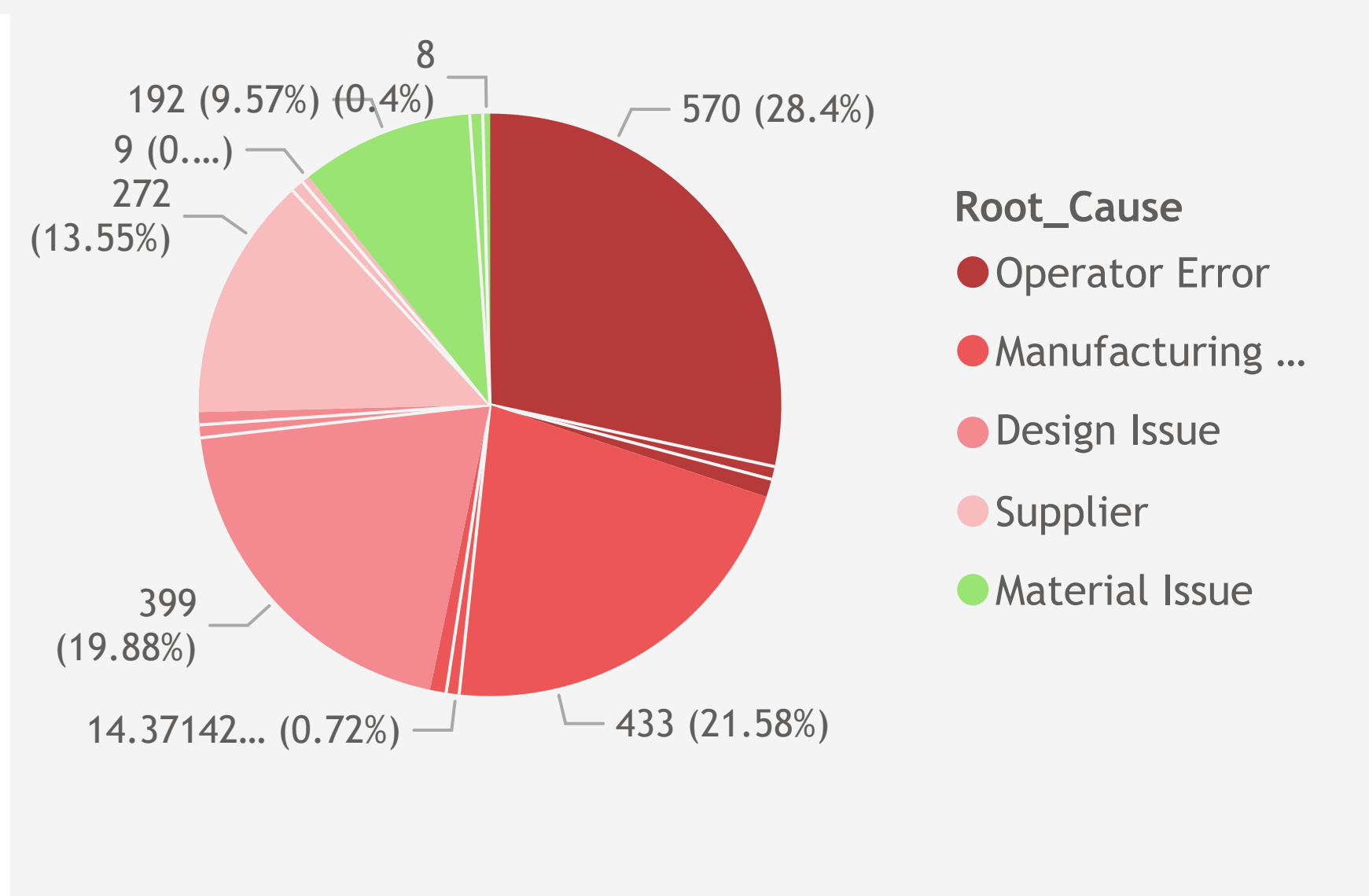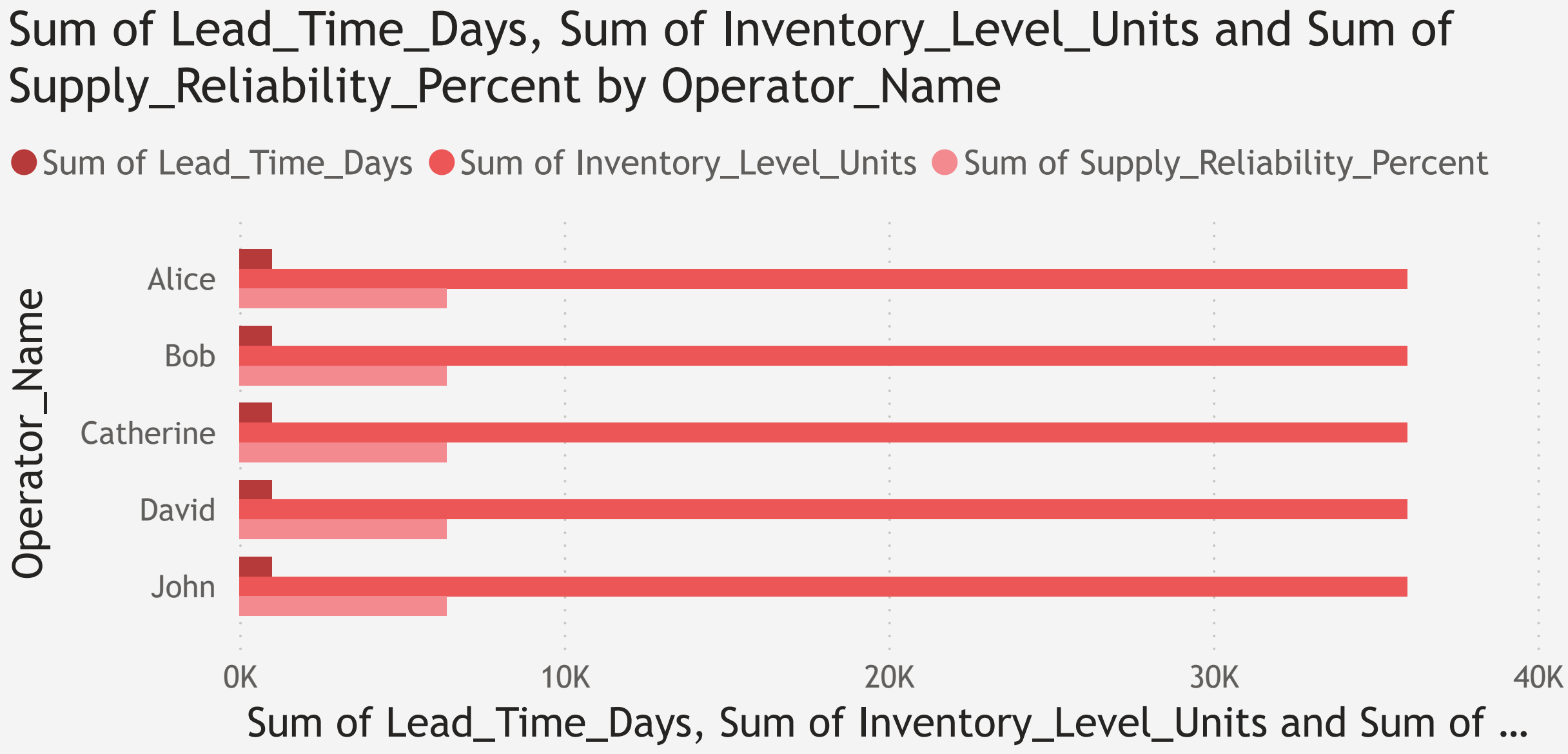| Shift_Type	Output_Quantity	Machine_ID
Afternoon	3325	M_1
Afternoon	2950	M_10
Afternoon	2407	M_11
Afternoon	2026	M_12
Afternoon	2020	M_15
Afternoon	3362	M_16
Afternoon	3112	M_18
Afternoon	2297	M_19
Afternoon	2917	M_20
Afternoon	3333	M_21

GANTT CHART FOR PRODUCTION SCHEDULING

PARETO CHARTS TO SHOW THE CUMMULATIVE PERCENTAGE LINE

Total_Defects, Avg_Lead_Time and Count of Correction_Cost_USD by Root_Cause

Sum of Lead_Time_Days, Sum of Inventory_Level_Units and Sum of Supply_Reliability_Percent by Operator_Name

- Sum of Lead_Time_Days ● Sum of Inventory_Level_Units ● Sum of Supply_Reliability_Percent

Root_Cause
- Operator Error
- Manufacturing ...
- Design Issue
- Supplier
- Material Issue

570 (28.4%)
192 (9.57%) (0.4%)
8
9 (0....)
272 (13.55%)
399 (19.88%)
14.37142... (0.72%)
433 (21.58%)

Machine_ID	Machine_Utilization	Avg_Lead_Time	Total_Defects	Sum of Correction_Cost_USD	Sum of Defect_Count	Root_Cause	Sum of Inventory_Level_Units	Sum of Lead_Time_Days	Region
M_1	89.00	14.10	399	4135	399	Design Issue	10122	282	East
M_10	95.00	14.10	399	4135	399	Design Issue	10122	282	East
M_11	88.00	14.10	399	4135	399	Design Issue	10122	282	East
M_12	93.00	14.10	399	4135	399	Design Issue	10122	282	East
M_13	90.00	14.10	399	4135	399	Design Issue	10122	282	East
M_14	85.00	14.10	399	4135	399	Design Issue	10122	282	East
M_15	95.00	14.10	399	4135	399	Design Issue	10122	282	East
M_16	96.00	14.10	399	4135	399	Design Issue	10122	282	East
M_17	89.00	14.10	399	4135	399	Design Issue	10122	282	East
M_18	86.00	14.10	399	4135	399	Design Issue	10122	282	East
M_19	88.00	14.10	399	4135	399	Design Issue	10122	282	East
M_2	98.00	14.10	399	4135	399	Design Issue	10122	282	East
M_20	88.00	14.10	399	4135	399	Design Issue	10122	282	East
Total	**92.36**	**14.37**	**1866**	**21865**	**1866**		**35987**	**1006**	

Shift_Type

- [ ] Afternoon
- [ ] Morning
- [ ] Night

Operator_Name

- [ ] Alice
- [ ] Bob
- [ ] Catherine
- [ ] David
- [ ] John

Machine_ID

- [ ] M_1
- [ ] M_10
- [ ] M_11
- [ ] M_12
- [ ] M_13
- [ ] M_14
- [ ] M_15
- [ ] M_16
- [ ] M_17
- [ ] M_18
- [ ] M_19
- [ ] M_2
- [ ] M_20
- [ ] M_21

Inspection_Date

01-01-2023 11-03-2023

Root_Cause

- [ ] Design Issue
- [ ] Manufacturing Process
- [ ] Material Issue
- [ ] Operator Error
- [ ] Supplier

Region

- [ ] East
- [ ] North
- [ ] South
- [ ] West

Supplier_ID, Order_Frequency_Days

- [ ] S_1
- [ ] S_10
- [ ] S_11
- [ ] S_12
- [ ] S_13
- [ ] S_14
- [ ] S_15
- [ ] S_16
- [ ] S_17

Sum of Lead_Time_Days, Total_Defects, Machine_Utilization and Avg_Lead_Time by Region

- ● Sum of Lead_Time_Days
- ● Total_Defects
- ● Machine_Utilization
- ● Avg_Lead_Time

Variance of Defect_Count, Standard deviation of Correction_Cost_USD, Machine_Utilization, Avg_Lead_Time, Total_Defects, Sum of Supply_Reliability...

100%	
Size	187.63
Shape	175.40
Surface	172.26
Color	145.68
Material	120.09
64%	
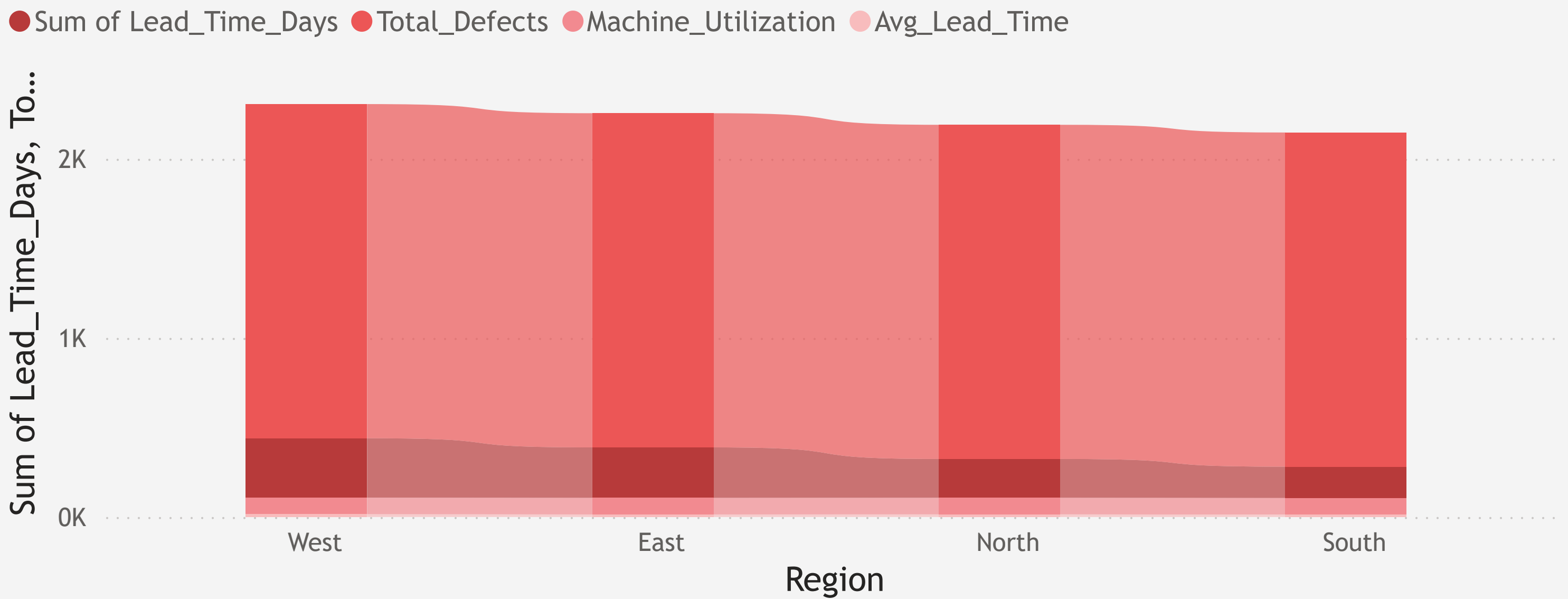
Sum of Correction_Cost_USD by Inspector, Root_Cause and Defect_Type

Root_Cause ● Design Issue ● Manufacturing Process ● Material Issue ● Operator Error ● Supplier