

Production Performance Indicators for Car Seat Factory



LineID

All

TeamID

All

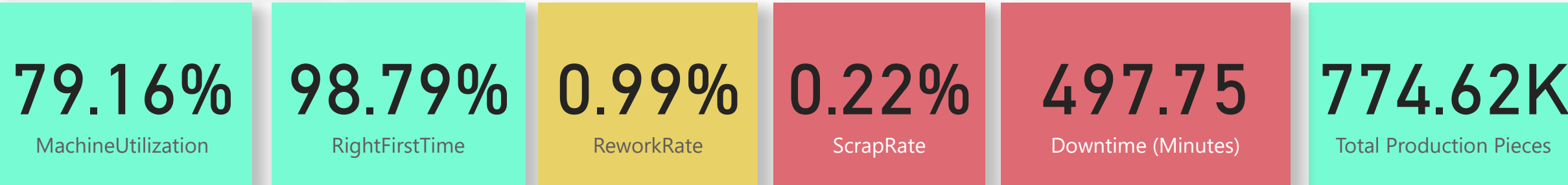
Date

All

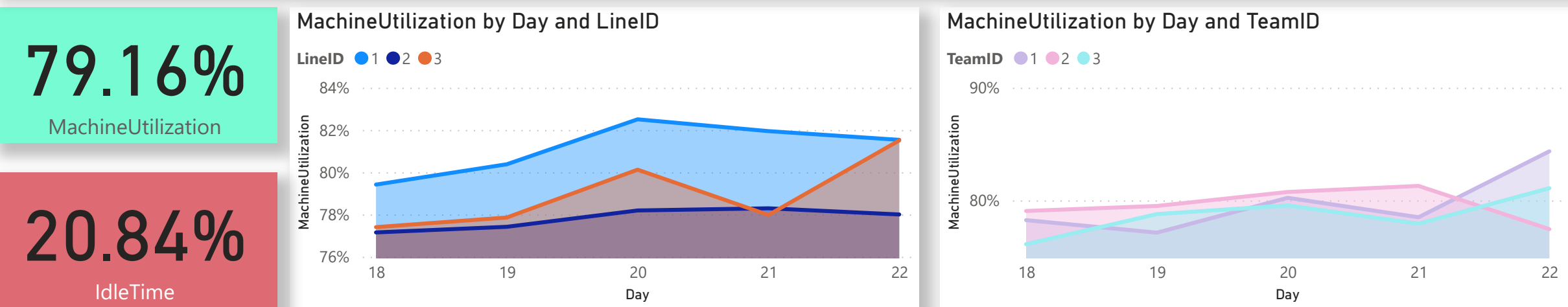
Team 6 - Hexagon

HEXAGON

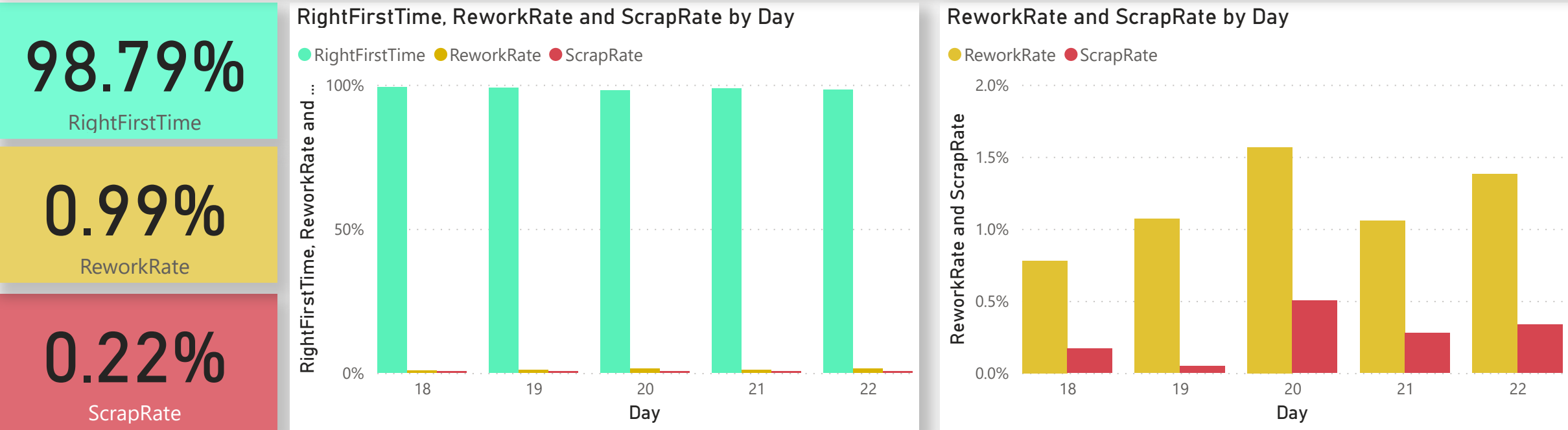
DIGITAL BCG ACADEMY



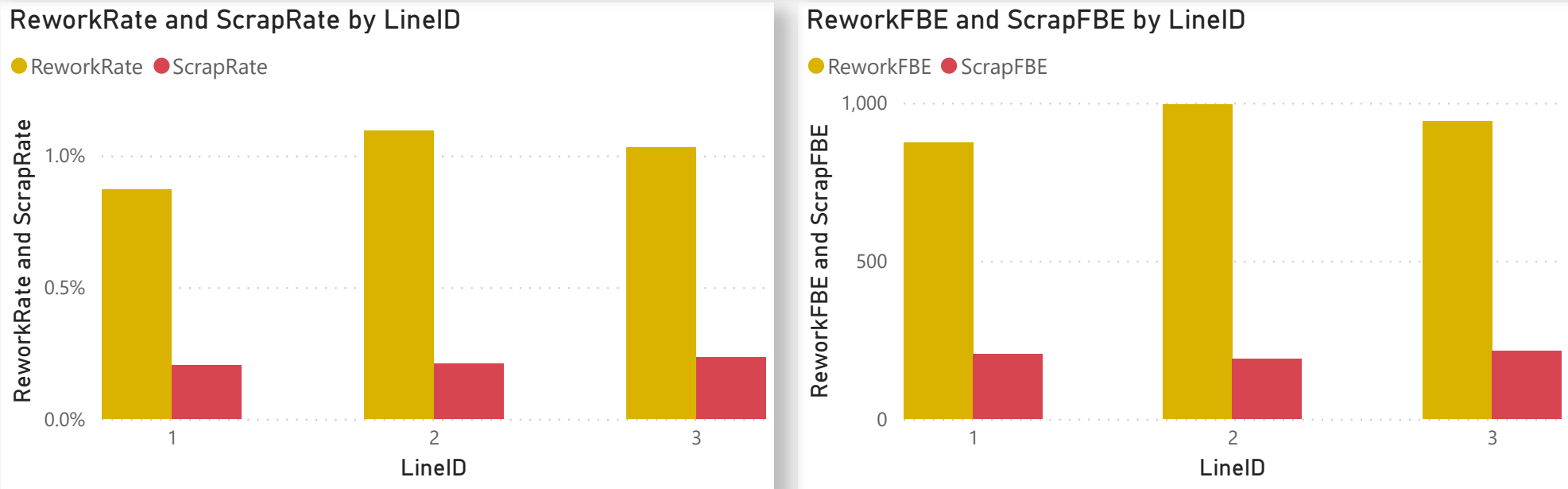
Machine Utilization



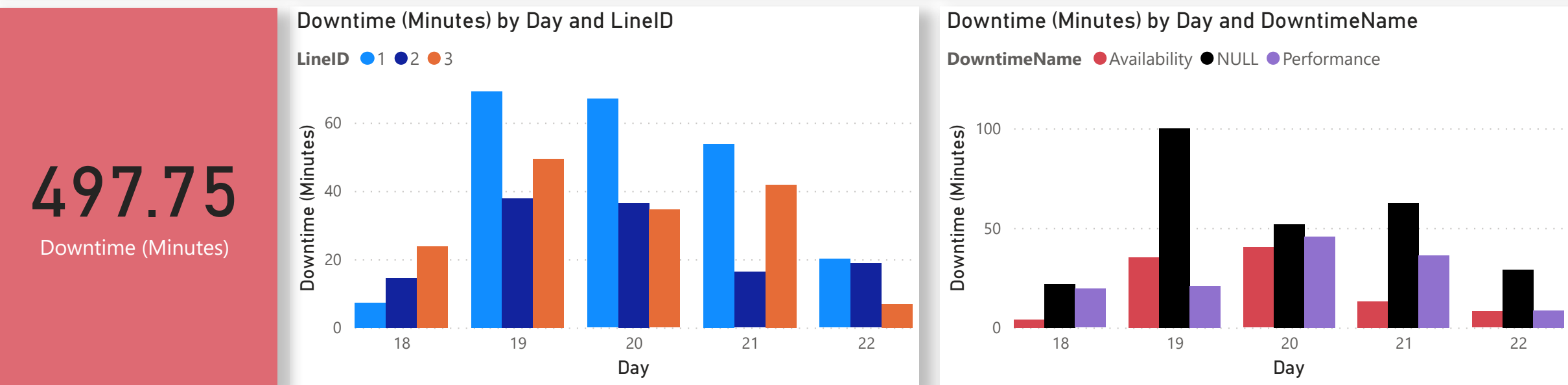
Right First Time, Rework and Scrap Rates



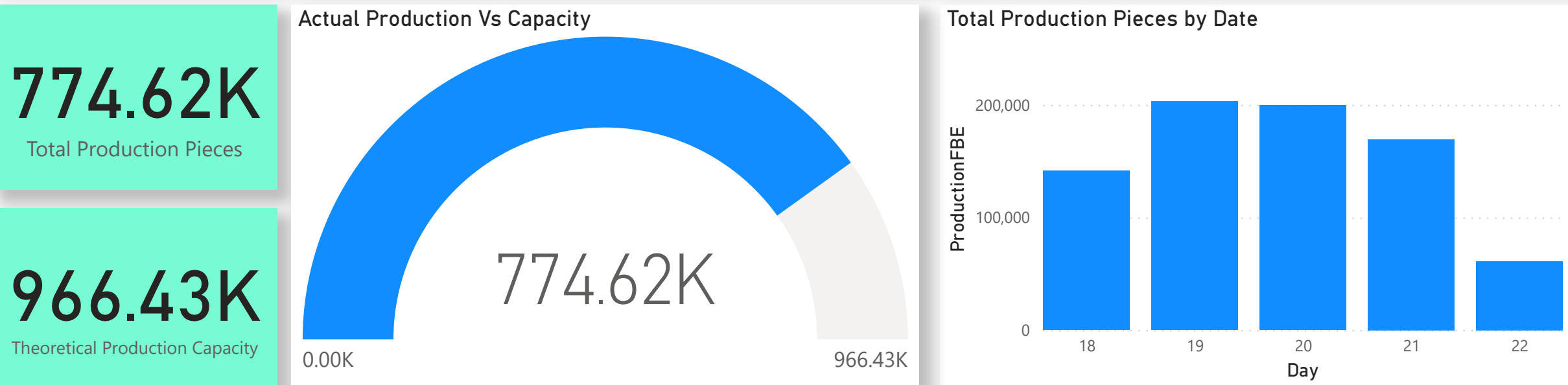
Rework & Scrap Rates and Total Units by LineID



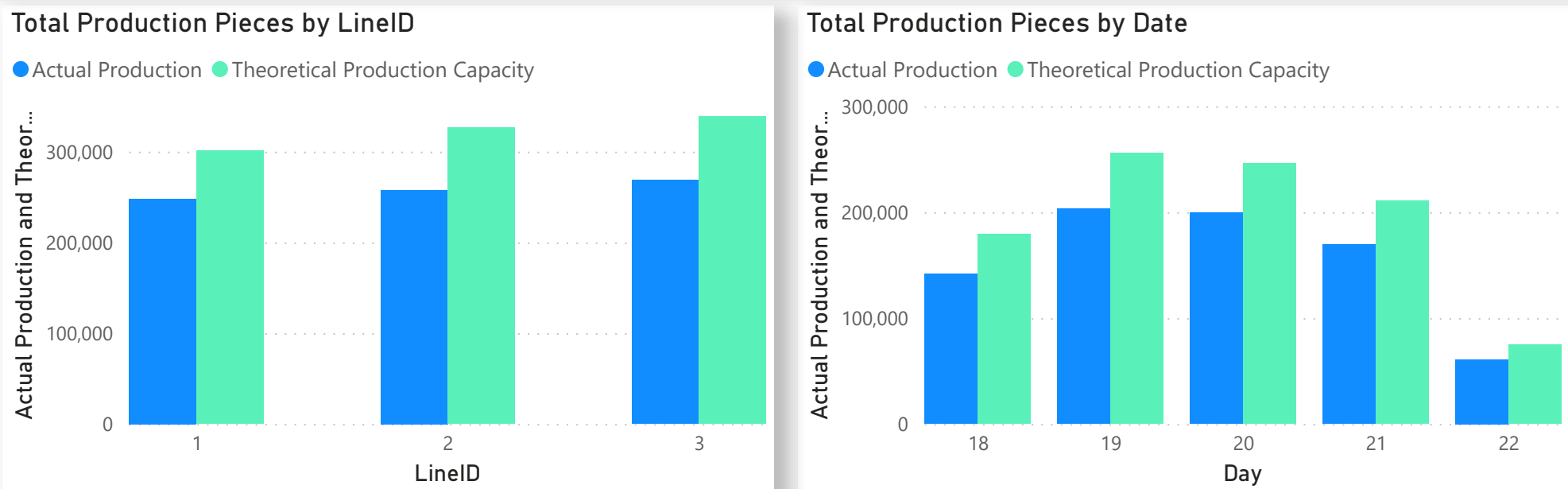
Machine Downtime by LineID Daily



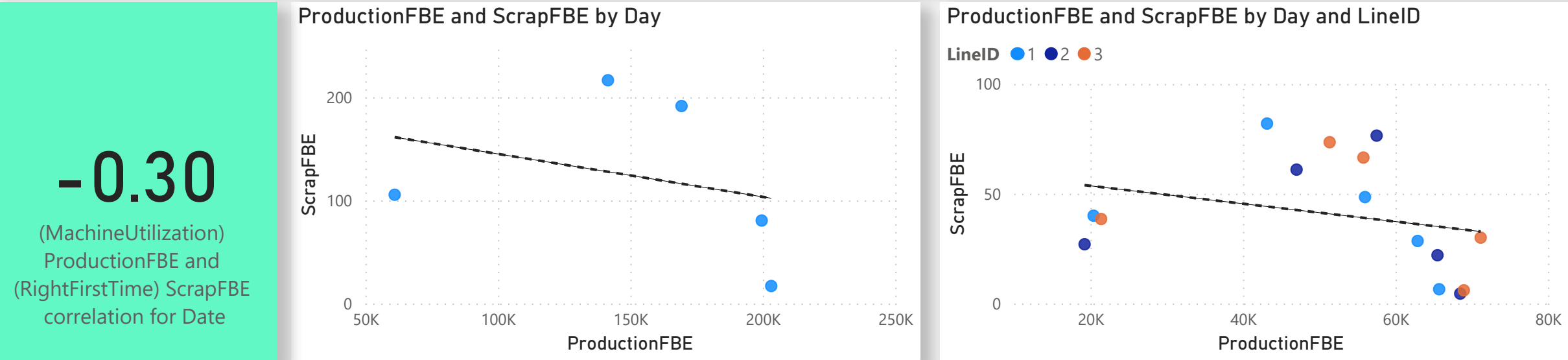
Production Pieces Produced vs Theoretical Production Capacity



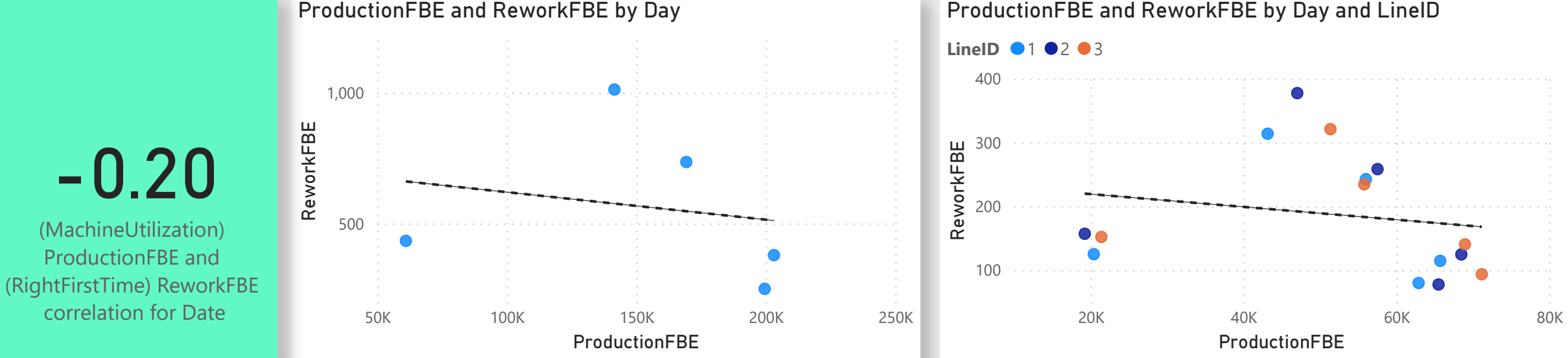
Production Pieces Produced vs Theoretical Production Capacity by LineID and Date



Correlation Between Total Production and Scrap Pieces Produced



Correlation Between Total Production and Rework Pieces Produced



● Production Pieces from DBMachineUtilization ● Count of Pieces from DBProduction



100

RFTProductionFBE  
and RFTReworkFBE  
correlation for Date

A scatter plot illustrating the relationship between ProductionFBE (x-axis) and ReworkFBE (y-axis). The x-axis ranges from 0K to 100K, and the y-axis ranges from 0 to 1,000. Five data points are plotted, showing a positive linear correlation. A dashed black line represents the linear regression fit.

ProductionFBE	ReworkFBE
15,000	200
30,000	450
35,000	380
65,000	750
120,000	1,050

### RFTProductionFBE and RFTScrapFBE correlation for Date

A scatter plot showing the relationship between ProductionFBE (X-axis) and ScrapFBE (Y-axis). The X-axis ranges from 0K to 100K, and the Y-axis ranges from 0 to 200. Five data points are plotted as blue circles. A dashed black line represents the linear regression fit, showing a positive correlation. The data points are approximately at (15K, 80), (35K, 105), (35K, 15), (65K, 190), and (115K, 215).

ProductionFBE	ScrapFBE
15000	80
35000	105
35000	15
65000	190
115000	215

100

ShiftID ●11 ●12 ●13 ●21 ●22 ●23 ●31 ●32 ●33



ShiftID ●11 ●12 ●13 ●21 ●22 ●23 ●31 ●32 ●33

