

Task 1- Create a Control Master where the Client will be adding all their Machine Names, Operator Names and Project Names.

Control Master sheet-

| Date | Project Name | Machine Name | Operator Name | Duration (in min) | Accepted Qty | Rejected Qty |
|-------------|--------------|--------------|---------------|-------------------|--------------|--------------|
| 17-Jun-2022 | Kalpataru | Hot press | Suresh | 5 | 3.75 | 1.25 |
| 17-Jun-2022 | Godrej | Edgebinder | Rampyari | 50 | 37.5 | 12.5 |
| 17-Jun-2022 | Kalpataru | Panel saw | Suresh | 22 | 16.5 | 5.5 |
| 17-Jun-2022 | Godrej | Hot press | Rampyari | 32 | 24 | 8 |
| 17-Jun-2022 | Kalpataru | Edgebinder | Suresh | 60 | 45 | 15 |
| 17-Jun-2022 | Godrej | Panel saw | Rampyari | 30 | 22.5 | 7.5 |
| 17-Jun-2022 | Kalpataru | Hot press | Suresh | 20 | 15 | 5 |
| 17-Jun-2022 | Godrej | Edgebinder | Rampyari | 25 | 18.75 | 6.25 |
| 17-Jun-2022 | Kalpataru | Panel saw | Suresh | 22 | 16.5 | 5.5 |
| 17-Jun-2022 | Godrej | Hot press | Rampyari | 45 | 33.75 | 11.25 |
| 17-Jun-2022 | Kalpataru | Edgebinder | Suresh | 41 | 30.75 | 10.25 |
| 17-Jun-2022 | Godrej | Panel saw | Rampyari | 33 | 24.75 | 8.25 |
| 17-Jun-2022 | Kalpataru | Hot press | Suresh | 55 | 41.25 | 13.75 |
| 17-Jun-2022 | Godrej | Edgebinder | Rampyari | 32 | 24 | 8 |
| 17-Jun-2022 | Kalpataru | Edgebinder | Suresh | 22 | 16.5 | 5.5 |
| 17-Jun-2022 | Godrej | Edgebinder | Suresh | 10 | 7.5 | 2.5 |
| 12-May-2022 | Kalpataru | Hot press | Suresh | 25 | 21.25 | 3.75 |
| 12-May-2022 | Godrej | Edgebinder | Rampyari | 22 | 18.7 | 3.3 |
| 12-May-2022 | Kalpataru | Panel saw | Suresh | 45 | 38.25 | 6.75 |
| 12-May-2022 | Godrej | Hot press | Rampyari | 41 | 34.85 | 6.15 |
| 12-May-2022 | Kalpataru | Edgebinder | Suresh | 33 | 28.05 | 4.95 |
| 12-May-2022 | Godrej | Panel saw | Rampyari | 55 | 46.75 | 8.25 |

+ ≡ Control Master ▾

Google form-

Project Name *

1. Godrej

2. Kalpataru

Machine Name *

1. Edgebinder

2. Hot press

3. Panel saw

Operation Name *

1. Rampyari

2. Suresh

Duration (in min)

Short-answer text

Accepted Qty *

Short-answer text

Rejected Qty *

Short-answer text

Form Response sheet-

| A | B | C | D | E | F | G |
|-------------|--------------|--------------|----------------|-------------------|--------------|--------------|
| Timestamp | Project Name | Machine Name | Operation Name | Duration (in min) | Accepted Qty | Rejected Qty |
| 8-Mar-2022 | Kalpataru | Panel saw | Rampyari | 0 | 54 | 6 |
| 8-Mar-2022 | Kalpataru | Hot press | Suresh | 30 | 27 | 3 |
| 11-Mar-2022 | Godrej | Edgebinder | Rampyari | 20 | 18 | 2 |
| 11-Mar-2022 | Kalpataru | Panel saw | Suresh | 25 | 22.5 | 2.5 |
| 11-Mar-2022 | Godrej | Hot press | Rampyari | 22 | 19.8 | 2.2 |
| 11-Mar-2022 | Kalpataru | Edgebinder | Suresh | 45 | 40.5 | 4.5 |
| 8-Apr-2022 | Godrej | Panel saw | Rampyari | 41 | 36.9 | 4.1 |
| 8-Apr-2022 | Kalpataru | Hot press | Suresh | 33 | 29.7 | 3.3 |
| 8-Apr-2022 | Godrej | Edgebinder | Rampyari | 55 | 49.5 | 5.5 |
| 8-Apr-2022 | Kalpataru | Panel saw | Suresh | 32 | 28.8 | 3.2 |
| 8-Apr-2022 | Godrej | Hot press | Rampyari | 60 | 51 | 9 |
| 8-Apr-2022 | Kalpataru | Edgebinder | Suresh | 30 | 25.5 | 4.5 |
| 8-Apr-2022 | Godrej | Panel saw | Rampyari | 20 | 17 | 3 |
| 12-May-2022 | Kalpataru | Hot press | Suresh | 25 | 21.25 | 3.75 |
| 12-May-2022 | Godrej | Edgebinder | Rampyari | 22 | 18.7 | 3.3 |
| 12-May-2022 | Kalpataru | Panel saw | Suresh | 45 | 38.25 | 6.75 |
| 12-May-2022 | Godrej | Hot press | Rampyari | 41 | 34.85 | 6.15 |
| 12-May-2022 | Kalpataru | Edgebinder | Suresh | 33 | 28.05 | 4.95 |
| 12-May-2022 | Godrej | Panel saw | Rampyari | 55 | 46.75 | 8.25 |
| 12-May-2022 | Kalpataru | Hot press | Suresh | 32 | 27.2 | 4.8 |
| 12-May-2022 | Godrej | Edgebinder | Rampyari | 22 | 18.7 | 3.3 |
| 12-May-2022 | Kalpataru | Panel saw | Suresh | 10 | 8.5 | 1.5 |
| 12-May-2022 | Godrej | Hot press | Rampyari | 55 | 41.25 | 13.75 |
| 12-May-2022 | Kalpataru | Edgebinder | Suresh | 2 | 1.5 | 0.5 |
| 12-May-2022 | Godrej | Panel saw | Rampyari | 3 | 2.25 | 0.75 |
| 17-Jun-2022 | Kalpataru | Hot press | Suresh | 5 | 3.75 | 1.25 |
| 17-Jun-2022 | Godrej | Edgebinder | Rampyari | 50 | 37.5 | 12.5 |
| 17-Jun-2022 | Kalpataru | Panel saw | Suresh | 22 | 16.5 | 5.5 |
| 17-Jun-2022 | Godrej | Hot press | Rampyari | 32 | 24 | 8 |
| 17-Jun-2022 | Kalpataru | Edgebinder | Suresh | 60 | 45 | 15 |
| 17-Jun-2022 | Godrej | Panel saw | Rampyari | 30 | 22.5 | 7.5 |
| 17-Jun-2022 | Kalpataru | Hot press | Suresh | 20 | 15 | 5 |
| 17-Jun-2022 | Godrej | Edgebinder | Rampyari | 25 | 18.75 | 6.25 |
| 17-Jun-2022 | Kalpataru | Panel saw | Suresh | 22 | 16.5 | 5.5 |
| 17-Jun-2022 | Godrej | Hot press | Rampyari | 45 | 33.75 | 11.25 |
| 17-Jun-2022 | Kalpataru | Edgebinder | Suresh | 41 | 30.75 | 10.25 |
| 17-Jun-2022 | Godrej | Panel saw | Rampyari | 33 | 24.75 | 8.25 |
| 17-Jun-2022 | Kalpataru | Hot press | Suresh | 55 | 41.25 | 13.75 |
| 17-Jun-2022 | Godrej | Edgebinder | Rampyari | 32 | 24 | 8 |

Task 2- Tabular Report of Month wise- Machine Wise -Sum of Accepted Qty-Rejected Qty & Calculate the % of Rejected Qty against Accepted Qty

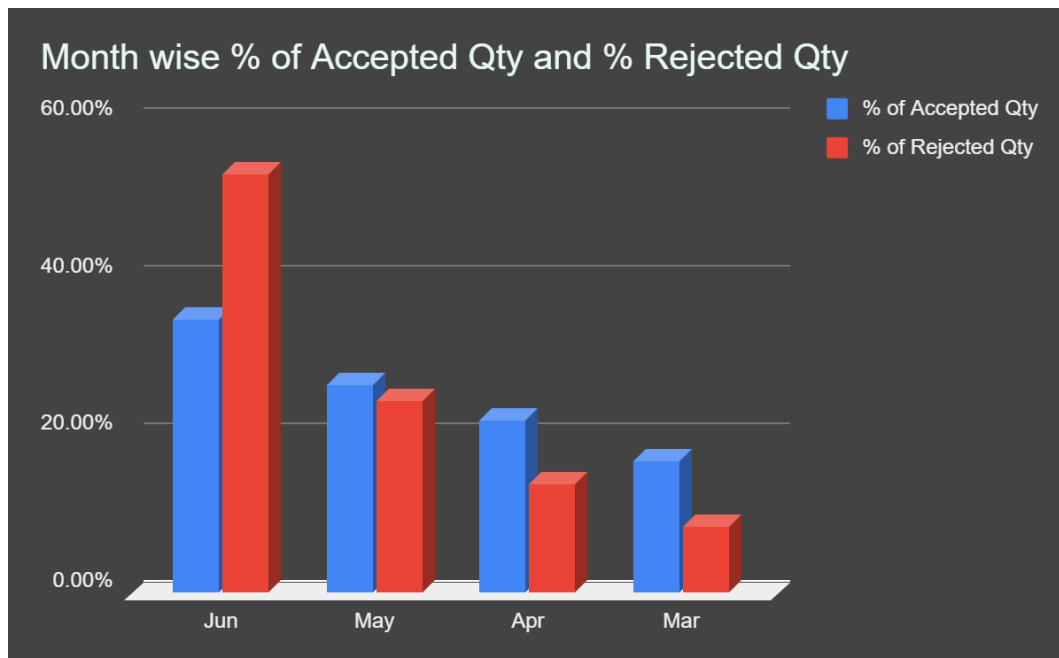
Table-

| Month | Machine Name | SUM of Accepted Qty | SUM of Rejected Qty |
|-------|--------------|---------------------|---------------------|
| Jun | Panel saw | 80.25 | 26.75 |
| | Hot press | 117.75 | 39.25 |
| | Edgebinder | 180 | 60 |
| May | Panel saw | 95.75 | 17.25 |
| | Hot press | 124.55 | 28.45 |
| | Edgebinder | 66.95 | 12.05 |
| Apr | Panel saw | 82.7 | 10.3 |
| | Hot press | 80.7 | 12.3 |
| | Edgebinder | 75 | 10 |
| Mar | Panel saw | 76.5 | 8.5 |
| | Hot press | 46.8 | 5.2 |
| | Edgebinder | 58.5 | 6.5 |

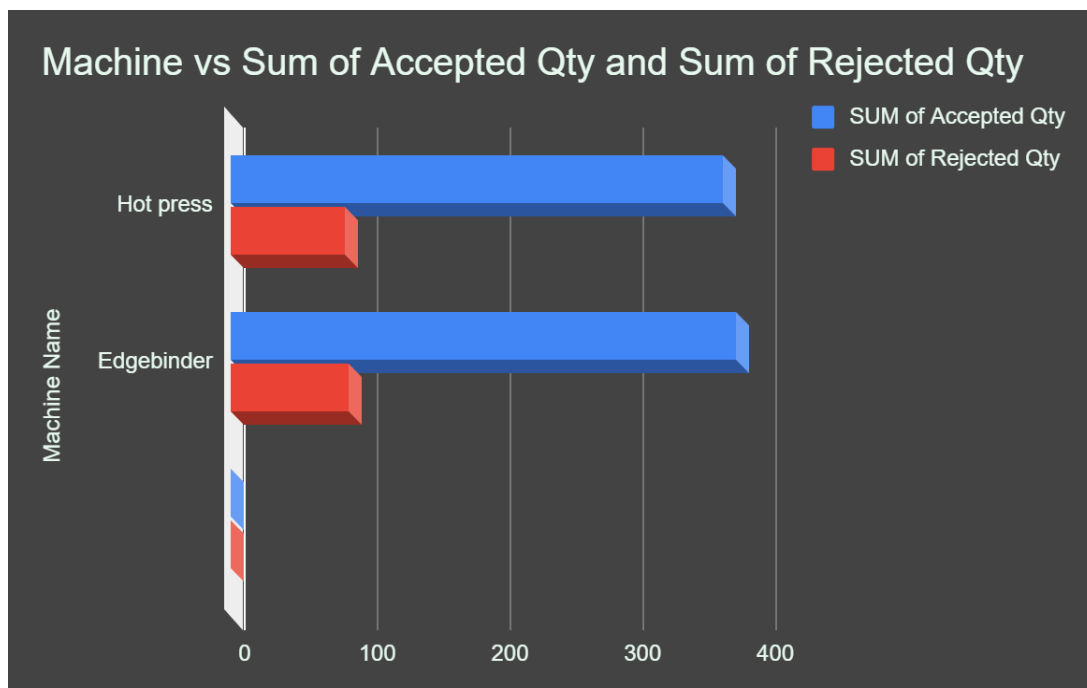
Month wise % of Rejected Qty against Accepted Qty

| Month | % of Accepted Qty | % of Rejected Qty |
|-------|-------------------|-------------------|
| Jun | 34.82% | 53.27% |
| May | 26.46% | 24.41% |
| Apr | 21.96% | 13.78% |
| Mar | 16.75% | 8.54% |

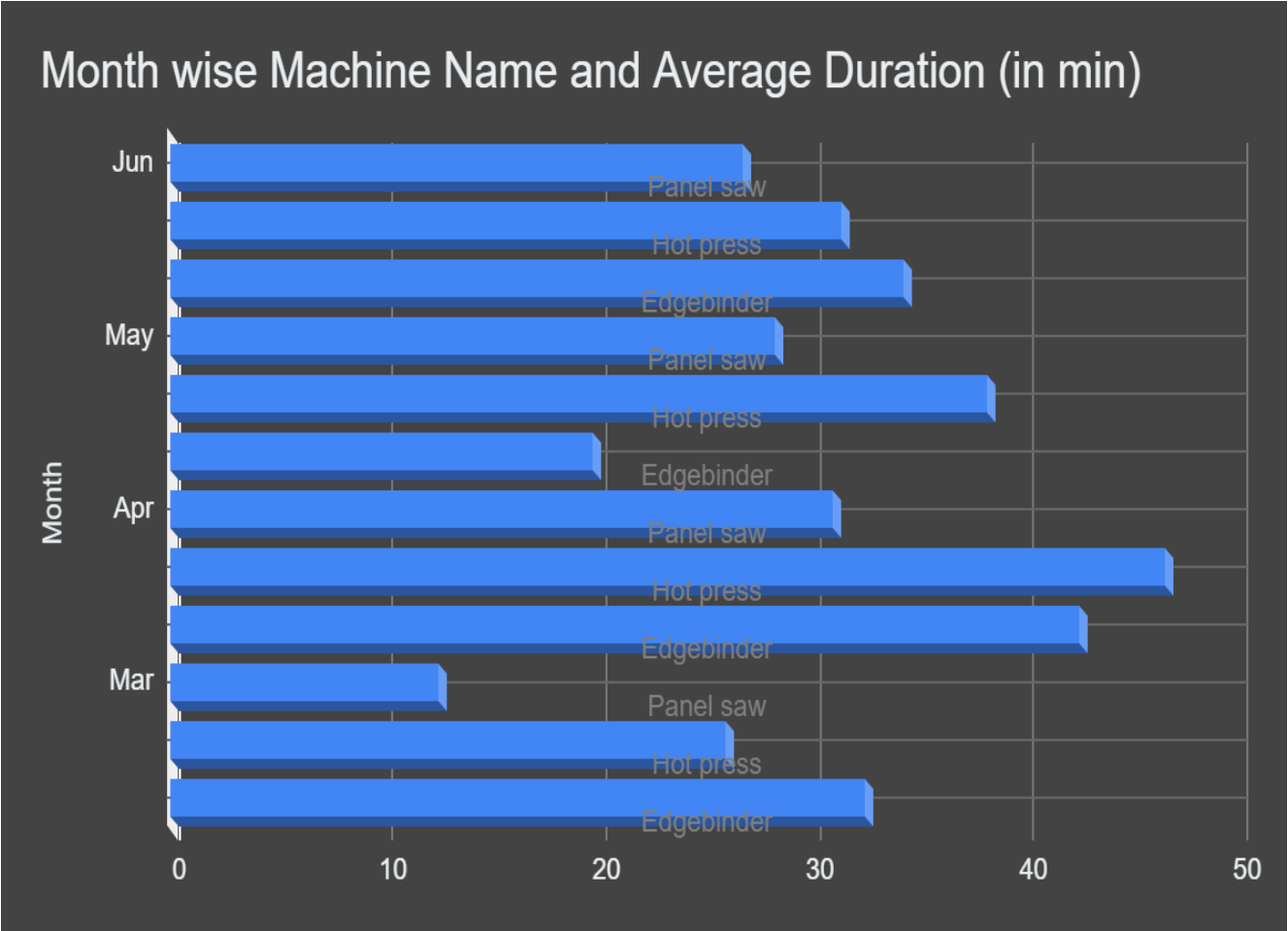
Graph of Month wise % of Rejected Qty against Accepted Qty



Bar Graph of Machine vs Sum of Accepted Qty & Sum of Rejected Qty



Month wise Machine wise Average Duration



Task 3- Next 3 Month prediction

| G | H | I | J | K | L | M |
|-------------------|-------------------|--------|---------------------|---------------------|-------|--------------|
| % of Accepted Qty | % of Rejected Qty | Helper | % Accepted forecast | % Rejected forecast | Month | Machine Name |
| 5.39% | 2.75% | 1 | | | Mar | Edgebinder |
| 4.31% | 2.20% | 2 | | | | Hot press |
| 7.05% | 3.59% | 3 | | | | Panel saw |
| 6.91% | 4.23% | 4 | 7.24% | 3.69% | Apr | Edgebinder |
| 7.43% | 5.20% | 5 | 7.74% | 4.65% | | Hot press |
| 7.62% | 4.35% | 6 | 8.23% | 5.67% | | Panel saw |
| 6.17% | 5.09% | 7 | 8.49% | 5.49% | May | Edgebinder |
| 11.47% | 12.03% | 8 | 7.75% | 5.77% | | Hot press |
| 8.82% | 7.29% | 9 | 9.94% | 9.36% | | Panel saw |
| 16.58% | 25.36% | 10 | 10.09% | 9.43% | Jun | Edgebinder |
| 10.85% | 16.59% | 11 | 13.26% | 16.65% | | Hot press |
| 7.39% | 11.31% | 12 | 13.30% | 18.34% | | Panel saw |
| | | 13 | 12.15% | 17.71% | July | Edgebinder |
| | | 14 | 12.73% | 19.15% | | Hot press |
| | | 15 | 13.32% | 20.60% | | Panel saw |
| | | 16 | 13.91% | 22.04% | Aug | Edgebinder |
| | | 17 | 14.50% | 23.48% | | Hot press |
| | | 18 | 15.08% | 24.93% | | Panel saw |
| | | 19 | 15.67% | 26.37% | Sep | Edgebinder |
| | | 20 | 16.26% | 27.81% | | Hot press |
| | | 21 | 16.84% | 29.25% | | Panel saw |

Dashboard Task-

