

## LAMPIRAN

**Lampiran 1. Data Sisa Roti Batik Choco Selama Enam Bulan**

Juli												
Batik Choco		Data Penjualan				Demand Rate				Sisa Roti		
Pe m bua tan Rot i	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3
30	1	13	8	6	3	43%	27%	20%	10%	17	9	3
30	2	18	5	5	2	60%	17%	17%	7%	12	7	2
30	3	14	9	6	1	47%	30%	20%	3%	16	7	1
40	4	21	10	8	1	53%	25%	20%	3%	19	9	1
35	5	21	6	6	2	60%	17%	17%	6%	14	8	2
30	6	14	7	7	2	47%	23%	23%	7%	16	9	2
30	7	13	8	8	1	43%	27%	27%	3%	17	9	1
30	8	11	8	6	3	37%	27%	20%	10%	19	11	5
30	9	18	5	5	2	60%	17%	17%	7%	12	7	2
30	10	14	8	6	2	47%	27%	20%	7%	16	8	2
40	11	27	6	4	3	68%	15%	10%	8%	13	7	3
35	12	17	9	5	4	49%	26%	14%	11%	18	9	4
30	13	15	7	6	2	50%	23%	20%	7%	15	8	2
30	14	12	10	8	0	40%	33%	27%	0%	18	8	0
30	15	13	8	7	2	43%	27%	23%	7%	17	9	2
30	16	15	8	6	1	50%	27%	20%	3%	15	7	1
30	17	14	8	7	1	47%	27%	23%	3%	16	8	1
40	18	24	8	6	2	60%	20%	15%	5%	16	8	2
35	19	16	10	8	1	46%	29%	23%	3%	19	9	1
30	20	13	10	5	2	43%	33%	17%	7%	17	7	2
30	21	10	10	8	2	33%	33%	27%	7%	20	10	2
30	22	15	8	5	2	50%	27%	17%	7%	15	7	2
30	23	13	10	7	0	43%	33%	23%	0%	17	7	0
30	24	12	10	7	1	40%	33%	23%	3%	18	8	1
40	25	23	10	6	1	58%	25%	15%	3%	17	7	1
35	26	15	12	6	2	43%	34%	17%	6%	20	8	2

30	27	13	8	6	3	43%	27%	20%	10%	17	9	3
30	28	18	7	4	1	60%	23%	13%	3%	12	5	1
30	29	16	6	8	0	53%	20%	27%	0%	14	8	0
30	30	20	5	4	1	67%	17%	13%	3%	10	5	1
30	31	14	9	5	2	47%	30%	17%	7%	16	7	2
Rata - rata						49%	26%	20%	5%	17	8	2

## Agustus

Batik Choco		Data Penjualan				Demand Rate				Sisa Roti		
Pe mb uat an Rot i	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3
40	1	28	5	6	1	70%	13%	15%	3%	12	7	1
35	2	19	11	4	1	54%	31%	11%	3%	16	5	1
30	3	15	7	5	3	50%	23%	17%	10%	15	8	3
30	4	10	10	8	2	33%	33%	27%	7%	20	10	2
30	5	15	6	4	5	50%	20%	13%	17%	15	9	5
30	6	14	9	6	1	47%	30%	20%	3%	16	7	1
30	7	14	7	5	4	47%	23%	17%	13%	16	9	4
40	8	29	6	5	0	73%	15%	13%	0%	11	5	0
35	9	15	11	7	2	43%	31%	20%	6%	20	9	2
30	10	13	7	5	5	43%	23%	17%	17%	17	10	5
30	11	15	9	4	2	50%	30%	13%	7%	15	6	2
30	12	17	7	5	1	57%	23%	17%	3%	13	6	1
30	13	16	8	6	0	53%	27%	20%	0%	14	6	0
30	14	18	5	7	0	60%	17%	23%	0%	12	7	0
40	15	27	6	7	0	68%	15%	18%	0%	13	7	0
35	16	21	8	4	2	60%	23%	11%	6%	14	6	2
30	17	13	9	8	0	43%	30%	27%	0%	17	8	0
30	18	16	6	7	1	53%	20%	23%	3%	14	8	1
30	19	15	9	5	1	50%	30%	17%	3%	15	6	1
30	20	5	12	9	4	17%	40%	30%	13%	25	13	4
30	21	15	8	4	3	50%	27%	13%	10%	15	7	3

40	22	20	11	8	1	50%	28%	20%	3%	20	9	1
35	23	21	6	5	3	60%	17%	14%	9%	14	8	3
30	24	8	10	9	3	27%	33%	30%	10%	22	12	3
30	25	14	8	5	3	47%	27%	17%	10%	16	8	3
30	26	14	9	4	3	47%	30%	13%	10%	16	7	3
30	27	14	7	8	1	47%	23%	27%	3%	16	9	1
30	28	13	10	5	2	43%	33%	17%	7%	17	7	2
40	29	30	6	3	1	75%	15%	8%	3%	10	4	1
35	30	18	6	7	4	51%	17%	20%	11%	17	11	4
30	31	15	10	5	0	50%	33%	17%	0%	15	5	0
Rata - rata						51%	25%	18%	6%	16	8	2
September												
Batik Choco		Data Penjualan				Demand Rate				Sisa Roti		
Pembuatan Roti	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3
30	1	10	10	6	4	33%	33%	20%	13%	20	10	4
30	2	17	7	5	1	57%	23%	17%	3%	13	6	1
30	3	14	10	6	0	47%	33%	20%	0%	16	6	0
30	4	15	8	6	1	50%	27%	20%	3%	15	7	1
40	5	26	5	7	2	65%	13%	18%	5%	14	9	2
35	6	20	11	6	0	57%	31%	17%	0%	15	4	-2
30	7	14	7	7	2	47%	23%	23%	7%	16	9	2
30	8	15	8	5	2	50%	27%	17%	7%	15	7	2
30	9	11	10	8	1	37%	33%	27%	3%	19	9	1
30	10	14	7	6	3	47%	23%	20%	10%	16	9	3
30	11	13	5	7	5	43%	17%	23%	17%	17	12	5
40	12	22	8	9	1	55%	20%	23%	3%	18	10	1
35	13	23	6	4	2	66%	17%	11%	6%	12	6	2
30	14	13	9	6	2	43%	30%	20%	7%	17	8	2
30	15	14	4	9	3	47%	13%	30%	10%	16	12	3
30	16	17	7	5	1	57%	23%	17%	3%	13	6	1
30	17	15	5	8	2	50%	17%	27%	7%	15	10	2

30	18	15	8	7	0	50%	27%	23%	0%	15	7	0
40	19	21	13	5	1	53%	33%	13%	3%	19	6	1
35	20	18	8	6	3	51%	23%	17%	9%	17	9	3
30	21	9	10	9	2	30%	33%	30%	7%	21	11	2
30	22	15	9	3	3	50%	30%	10%	10%	15	6	3
30	23	12	8	6	4	40%	27%	20%	13%	18	10	4
30	24	20	6	4	0	67%	20%	13%	0%	10	4	0
30	25	16	5	8	1	53%	17%	27%	3%	14	9	1
40	26	21	13	4	2	53%	33%	10%	5%	19	6	2
35	27	15	9	8	3	43%	26%	23%	9%	20	11	3
30	28	15	8	5	2	50%	27%	17%	7%	15	7	2
30	29	12	8	7	3	40%	27%	23%	10%	18	10	3
30	30	12	5	7	6	40%	17%	23%	20%	18	13	6
Rata - rata						49%	25%	20%	7%	17	9	2
Oktober												
Batik Choco		Data Penjualan				Demand Rate				Sisa Roti		
Pembuat Roti	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3
30	1	18	7	4	1	60%	23%	13%	3%	12	5	1
30	2	15	6	5	4	50%	20%	17%	13%	15	9	4
40	3	23	10	6	1	58%	25%	15%	3%	17	7	1
35	4	24	5	5	1	69%	14%	14%	3%	11	6	1
30	5	16	9	3	2	53%	30%	10%	7%	14	5	2
30	6	14	7	7	2	47%	23%	23%	7%	16	9	2
30	7	15	6	6	3	50%	20%	20%	10%	15	9	3
30	8	19	4	5	2	63%	13%	17%	7%	11	7	2
30	9	11	8	8	3	37%	27%	27%	10%	19	11	3
40	10	30	6	3	1	75%	15%	8%	3%	10	4	1
35	11	20	9	5	1	57%	26%	14%	3%	15	6	1
30	12	16	7	4	3	53%	23%	13%	10%	14	7	3
30	13	15	6	6	3	50%	20%	20%	10%	15	9	3
30	14	16	8	5	1	53%	27%	17%	3%	14	6	1

30	15	9	11	8	2	30%	37%	27%	7%	21	10	2
30	16	13	8	7	2	43%	27%	23%	7%	17	9	2
40	17	29	6	2	3	73%	15%	5%	8%	11	5	3
35	18	23	5	4	3	66%	14%	11%	9%	12	7	3
30	19	15	8	5	2	50%	27%	17%	7%	15	7	2
30	20	21	4	3	2	70%	13%	10%	7%	9	5	2
30	21	10	10	7	3	33%	33%	23%	10%	20	10	3
30	22	16	9	4	1	53%	30%	13%	3%	14	5	1
30	23	16	7	6	1	53%	23%	20%	3%	14	7	1
40	24	28	5	5	2	70%	13%	13%	5%	12	7	2
35	25	23	7	3	2	66%	20%	9%	6%	12	5	2
30	26	14	6	8	2	47%	20%	27%	7%	16	10	2
30	27	10	12	7	1	33%	40%	23%	3%	20	8	1
30	28	13	10	6	1	43%	33%	20%	3%	17	7	1
30	29	17	8	3	2	57%	27%	10%	7%	13	5	2
30	30	16	6	5	3	53%	20%	17%	10%	14	8	3
40	31	25	9	4	2	63%	23%	10%	5%	15	6	2
Rata - rata						54%	23%	16%	6%	15	8	2
November												
Batik Choco		Data Penjualan				Demand Rate				Sisa Roti		
Pembuat Roti	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3
35	1	20	8	6	1	57%	23%	17%	3%	15	7	1
30	2	16	7	5	2	53%	23%	17%	7%	14	7	2
30	3	9	9	9	3	30%	30%	30%	10%	21	12	3
30	4	17	5	8	0	57%	17%	27%	0%	13	8	0
30	5	15	6	8	1	50%	20%	27%	3%	15	9	1
30	6	16	7	5	2	53%	23%	17%	7%	14	7	2
40	7	21	10	9	0	53%	25%	23%	0%	19	9	0
35	8	20	7	8	0	57%	20%	23%	0%	15	8	0
30	9	15	9	6	0	50%	30%	20%	0%	15	6	0

30	10	8	11	10	1	27%	37%	33%	3%	22	11	1
30	11	10	8	10	2	33%	27%	33%	7%	20	12	2
30	12	11	9	7	3	37%	30%	23%	10%	19	10	3
30	13	9	8	9	4	30%	27%	30%	13%	21	13	4
40	14	23	7	7	3	58%	18%	18%	8%	17	10	3
35	15	20	6	9	0	57%	17%	26%	0%	15	9	0
30	16	14	9	6	1	47%	30%	20%	3%	16	7	1
30	17	16	8	6	0	53%	27%	20%	0%	14	6	0
30	18	18	6	5	1	60%	20%	17%	3%	12	6	1
30	19	11	9	7	3	37%	30%	23%	10%	19	10	3
30	20	15	7	8	0	50%	23%	27%	0%	15	8	0
40	21	20	12	6	2	50%	30%	15%	5%	20	8	2
35	22	15	8	10	2	43%	23%	29%	6%	20	12	2
30	23	19	6	5	0	63%	20%	17%	0%	11	5	0
30	24	10	7	9	4	33%	23%	30%	13%	20	13	4
30	25	14	8	6	2	47%	27%	20%	7%	16	8	2
30	26	12	9	7	2	40%	30%	23%	7%	18	9	2
30	27	15	9	5	1	50%	30%	17%	3%	15	6	1
40	28	23	7	9	1	58%	18%	23%	3%	17	10	1
35	29	21	6	7	1	60%	17%	20%	3%	14	8	1
30	30	9	10	8	3	30%	33%	27%	10%	21	11	3
Rata - rata						47%	25%	23%	5%	17	9	2
Desember												
Batik Choco		Data Penjualan				Demand Rate				Sisa Roti		
Pembuat an Roti	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3
30	1	13	8	6	3	43%	27%	20%	10%	17	9	3
30	2	12	9	9	0	40%	30%	30%	0%	18	9	0
30	3	10	10	10	0	33%	33%	33%	0%	20	10	0
30	4	16	8	5	1	53%	27%	17%	3%	14	6	1
40	5	24	9	7	0	60%	23%	18%	0%	16	7	0

35	6	24	6	5	0	69%	17%	14%	0%	11	5	0
30	7	14	8	6	2	47%	27%	20%	7%	16	8	2
30	8	14	9	7	0	47%	30%	23%	0%	16	7	0
30	9	11	10	9	0	37%	33%	30%	0%	19	9	0
30	10	13	5	8	4	43%	17%	27%	13%	17	12	4
30	11	10	11	8	1	33%	37%	27%	3%	20	9	1
40	12	18	13	7	2	45%	33%	18%	5%	22	9	2
35	13	18	8	9	0	51%	23%	26%	0%	17	9	0
30	14	12	7	8	3	40%	23%	27%	10%	18	11	3
30	15	13	9	6	2	43%	30%	20%	7%	17	8	2
30	16	14	8	7	1	47%	27%	23%	3%	16	8	1
30	17	11	10	9	0	37%	33%	30%	0%	19	9	0
30	18	16	6	8	0	53%	20%	27%	0%	14	8	0
40	19	22	7	9	2	55%	18%	23%	5%	18	11	2
35	20	19	9	7	0	54%	26%	20%	0%	16	7	0
30	21	13	7	8	2	43%	23%	27%	7%	17	10	2
30	22	16	8	6	0	53%	27%	20%	0%	14	6	0
30	23	11	9	8	2	37%	30%	27%	7%	19	10	2
30	24	11	6	10	3	37%	20%	33%	10%	19	13	3
30	25	15	8	5	2	50%	27%	17%	7%	15	7	2
40	26	24	10	6	0	60%	25%	15%	0%	16	6	0
35	27	20	8	7	0	57%	23%	20%	0%	15	7	0
30	28	13	9	6	2	43%	30%	20%	7%	17	8	2
30	29	11	9	8	2	37%	30%	27%	7%	19	10	2
30	30	14	8	7	1	47%	27%	23%	3%	16	8	1
30	31	17	5	6	2	57%	17%	20%	7%	13	8	2
Rata - rata						47%	26%	23%	4%	17	9	2

## Lampiran 2. Data Sisa Roti Mocha Cream

Juli												
Mocha Cream		Data Penjualan				Demand Rate				Sisa Roti		
Pembuatan	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3

Rot i												
30	1	12	9	7	2	40%	30%	23%	7%	18	9	2
30	2	15	7	5	3	50%	23%	17%	10%	15	8	3
30	3	13	8	6	3	43%	27%	20%	10%	17	9	3
40	4	23	9	8	0	58%	23%	20%	0%	17	8	0
35	5	17	10	6	2	49%	29%	17%	6%	18	8	2
30	6	13	6	8	3	43%	20%	27%	10%	17	11	3
30	7	15	7	7	1	50%	23%	23%	3%	15	8	1
30	8	10	9	8	3	33%	30%	27%	10%	20	11	3
30	9	11	8	9	2	37%	27%	30%	7%	19	11	2
30	10	11	7	9	3	37%	23%	30%	10%	19	12	3
40	11	26	6	8	0	65%	15%	20%	0%	14	8	0
35	12	20	9	6	0	57%	26%	17%	0%	15	6	0
30	13	15	8	7	0	50%	27%	23%	0%	15	7	0
30	14	14	9	7	0	47%	30%	23%	0%	16	7	0
30	15	14	7	8	1	47%	23%	27%	3%	16	9	1
30	16	14	6	7	3	47%	20%	23%	10%	16	10	3
30	17	17	5	6	2	57%	17%	20%	7%	13	8	2
40	18	19	11	10	0	48%	28%	25%	0%	21	10	0
35	19	18	7	10	0	51%	20%	29%	0%	17	10	0
30	20	13	8	9	0	43%	27%	30%	0%	17	9	0
30	21	12	9	9	0	40%	30%	30%	0%	18	9	0
30	22	14	8	8	0	47%	27%	27%	0%	16	8	0
30	23	15	7	8	0	50%	23%	27%	0%	15	8	0
30	24	16	5	7	2	53%	17%	23%	7%	14	9	2
40	25	21	10	6	3	53%	25%	15%	8%	19	9	3
35	26	18	9	8	0	51%	26%	23%	0%	17	8	0
30	27	13	7	7	3	43%	23%	23%	10%	17	10	3
30	28	14	8	8	0	47%	27%	27%	0%	16	8	0
30	29	15	5	9	1	50%	17%	30%	3%	15	10	1
30	30	15	9	6	0	50%	30%	20%	0%	15	6	0
30	31	14	6	8	2	47%	20%	27%	7%	16	10	2
Rata - rata						48%	24%	24%	4%	17	9	2
Agustus												



Mocha Cream		Data Penjualan				Demand Rate				Sisa Roti		
Pembuatan Roti	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3
40	1	23	10	6	1	58%	25%	15%	3%	17	7	1
35	2	18	9	8	0	51%	26%	23%	0%	17	8	0
30	3	14	8	6	2	47%	27%	20%	7%	16	8	2
30	4	16	7	7	0	53%	23%	23%	0%	14	7	0
30	5	16	5	9	0	53%	17%	30%	0%	14	9	0
30	6	10	9	9	2	33%	30%	30%	7%	20	11	2
30	7	14	10	6	0	47%	33%	20%	0%	16	6	0
40	8	22	9	8	1	55%	23%	20%	3%	18	9	1
35	9	20	8	7	0	57%	23%	20%	0%	15	7	0
30	10	13	6	9	2	43%	20%	30%	7%	17	11	2
30	11	15	7	6	2	50%	23%	20%	7%	15	8	2
30	12	14	8	7	1	47%	27%	23%	3%	16	8	1
30	13	16	8	5	1	53%	27%	17%	3%	14	6	1
30	14	14	9	7	0	47%	30%	23%	0%	16	7	0
40	15	19	10	9	2	48%	25%	23%	5%	21	11	2
35	16	14	8	10	3	40%	23%	29%	9%	21	13	3
30	17	14	7	8	1	47%	23%	27%	3%	16	9	1
30	18	10	9	9	2	33%	30%	30%	7%	20	11	2
30	19	14	7	6	3	47%	23%	20%	10%	16	9	3
30	20	15	6	8	1	50%	20%	27%	3%	15	9	1
30	21	11	9	7	3	37%	30%	23%	10%	19	10	3
40	22	26	7	5	2	65%	18%	13%	5%	14	7	2
35	23	19	5	8	3	54%	14%	23%	9%	16	11	3
30	24	12	7	9	2	40%	23%	30%	7%	18	11	2
30	25	11	8	8	3	37%	27%	27%	10%	19	11	3
30	26	11	9	7	3	37%	30%	23%	10%	19	10	3
30	27	10	9	8	3	33%	30%	27%	10%	20	11	3
30	28	13	7	8	2	43%	23%	27%	7%	17	10	2
40	29	24	8	6	2	60%	20%	15%	5%	16	8	2

35	30	20	7	5	3	57%	20%	14%	9%	15	8	3
30	31	14	6	7	3	47%	20%	23%	10%	16	10	3
Rata - rata						47%	24%	23%	5%	17	10	2
September												
Mocha Cream		Data Penjualan				Demand Rate				Sisa Roti		
Pembuatan Roti	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3
30	1	13	8	9	0	43%	27%	30%	0%	17	9	0
30	2	10	8	7	5	33%	27%	23%	17%	20	12	5
30	3	13	9	8	0	43%	30%	27%	0%	17	8	0
30	4	13	9	5	3	43%	30%	17%	10%	17	8	3
40	5	23	10	6	1	58%	25%	15%	3%	17	7	1
35	6	22	7	6	0	63%	20%	17%	0%	13	6	0
30	7	17	5	8	0	57%	17%	27%	0%	13	8	0
30	8	17	6	6	1	57%	20%	20%	3%	13	7	1
30	9	11	9	6	4	37%	30%	20%	13%	19	10	4
30	10	14	9	7	0	47%	30%	23%	0%	16	7	0
30	11	9	8	8	5	30%	27%	27%	17%	21	13	5
40	12	24	9	7	0	60%	23%	18%	0%	16	7	0
35	13	19	8	8	0	54%	23%	23%	0%	16	8	0
30	14	14	9	6	1	47%	30%	20%	3%	16	7	1
30	15	15	7	4	4	50%	23%	13%	13%	15	8	4
30	16	19	6	5	0	63%	20%	17%	0%	11	5	0
30	17	16	7	7	0	53%	23%	23%	0%	14	7	0
30	18	12	10	8	0	40%	33%	27%	0%	18	8	0
40	19	20	8	9	3	50%	20%	23%	8%	20	12	3
35	20	19	9	7	0	54%	26%	20%	0%	16	7	0
30	21	10	9	8	3	33%	30%	27%	10%	20	11	3
30	22	9	9	9	3	30%	30%	30%	10%	21	12	3
30	23	10	8	10	2	33%	27%	33%	7%	20	12	2
30	24	15	7	7	1	50%	23%	23%	3%	15	8	1
30	25	12	10	8	0	40%	33%	27%	0%	18	8	0

40	26	22	10	5	3	55%	25%	13%	8%	18	8	3
35	27	22	7	6	0	63%	20%	17%	0%	13	6	0
30	28	12	8	8	2	40%	27%	27%	7%	18	10	2
30	29	12	6	9	3	40%	20%	30%	10%	18	12	3
30	30	17	5	8	0	57%	17%	27%	0%	13	8	0
Rata - rata						47%	25%	23%	5%	17	9	2
Oktober												
Mocha Cream		Data Penjualan				Demand Rate				Sisa Roti		
Pembuatan Roti	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3
30	1	13	10	6	1	43%	33%	20%	3%	17	7	1
30	2	13	9	5	3	43%	30%	17%	10%	17	8	3
40	3	21	10	6	3	53%	25%	15%	8%	19	9	3
35	4	19	7	7	2	54%	20%	20%	6%	16	9	2
30	5	16	6	8	0	53%	20%	27%	0%	14	8	0
30	6	14	8	8	0	47%	27%	27%	0%	16	8	0
30	7	9	8	9	4	30%	27%	30%	13%	21	13	4
30	8	12	9	7	2	40%	30%	23%	7%	18	9	2
30	9	12	9	7	2	40%	30%	23%	7%	18	9	2
40	10	23	8	6	3	58%	20%	15%	8%	17	9	3
35	11	18	9	7	1	51%	26%	20%	3%	17	8	1
30	12	14	7	9	0	47%	23%	30%	0%	16	9	0
30	13	16	6	7	1	53%	20%	23%	3%	14	8	1
30	14	10	9	8	3	33%	30%	27%	10%	20	11	3
30	15	16	6	8	0	53%	20%	27%	0%	14	8	0
30	16	15	5	9	1	50%	17%	30%	3%	15	10	1
40	17	23	8	9	0	58%	20%	23%	0%	17	9	0
35	18	21	9	5	0	60%	26%	14%	0%	14	5	0
30	19	15	7	6	2	50%	23%	20%	7%	15	8	2
30	20	14	6	8	2	47%	20%	27%	7%	16	10	2
30	21	17	6	7	0	57%	20%	23%	0%	13	7	0
30	22	10	8	9	3	33%	27%	30%	10%	20	12	3

30	23	13	9	6	2	43%	30%	20%	7%	17	8	2
40	24	23	10	7	0	58%	25%	18%	0%	17	7	0
35	25	20	6	8	1	57%	17%	23%	3%	15	9	1
30	26	13	6	7	0	43%	20%	23%	0%	17	11	4
30	27	9	9	9	3	30%	30%	30%	10%	21	12	3
30	28	12	9	9	0	40%	30%	30%	0%	18	9	0
30	29	10	7	10	3	33%	23%	33%	10%	20	13	3
30	30	10	9	9	2	33%	30%	30%	7%	20	11	2
40	31	23	10	7	0	58%	25%	18%	0%	17	7	0
Rata - rata						47%	25%	24%	5%	17	10	2
November												
Mocha Cream		Data Penjualan				Demand Rate				Sisa Roti		
Pembuatan Roti	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3
35	1	18	6	9	2	51%	17%	26%	6%	17	11	2
30	2	14	9	5	2	47%	30%	17%	7%	16	7	2
30	3	16	6	7	1	53%	20%	23%	3%	14	8	1
30	4	14	8	6	2	47%	27%	20%	7%	16	8	2
30	5	11	7	9	3	37%	23%	30%	10%	19	12	3
30	6	12	10	7	1	40%	33%	23%	3%	18	8	1
40	7	21	9	8	2	53%	23%	20%	5%	19	10	2
35	8	20	8	7	0	57%	23%	20%	0%	15	7	0
30	9	17	7	6	0	57%	23%	20%	0%	13	6	0
30	10	11	9	9	1	37%	30%	30%	3%	19	10	1
30	11	14	6	9	1	47%	20%	30%	3%	16	10	1
30	12	12	9	9	0	40%	30%	30%	0%	18	9	0
30	13	8	9	9	4	27%	30%	30%	13%	22	13	4
40	14	26	8	6	0	65%	20%	15%	0%	14	6	0
35	15	21	7	7	0	60%	20%	20%	0%	14	7	0
30	16	16	6	8	0	53%	20%	27%	0%	14	8	0
30	17	11	10	6	3	37%	33%	20%	10%	19	9	3
30	18	12	9	7	2	40%	30%	23%	7%	18	9	2

30	19	17	5	8	0	57%	17%	27%	0%	13	8	0
30	20	11	9	8	2	37%	30%	27%	7%	19	10	2
40	21	24	6	8	2	60%	15%	20%	5%	16	10	2
35	22	21	7	7	0	60%	20%	20%	0%	14	7	0
30	23	16	7	5	2	53%	23%	17%	7%	14	7	2
30	24	16	9	5	0	53%	30%	17%	0%	14	5	0
30	25	16	7	6	1	53%	23%	20%	3%	14	7	1
30	26	13	5	9	3	43%	17%	30%	10%	17	12	3
30	27	14	8	7	1	47%	27%	23%	3%	16	8	1
40	28	20	10	8	2	50%	25%	20%	5%	20	10	2
35	29	16	8	9	2	46%	23%	26%	6%	19	11	2
30	30	14	7	6	3	47%	23%	20%	10%	16	9	3
Rata - rata						48%	24%	23%	4%	17	9	2
Desember												
Mocha Cream		Data Penjualan				Demand Rate				Sisa Roti		
Pembuatan Roti	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3
30	1	19	6	4	1	63%	20%	13%	3%	11	5	1
30	2	19	5	6	0	63%	17%	20%	0%	11	6	0
30	3	11	8	9	2	37%	27%	30%	7%	19	11	2
30	4	13	7	10	0	43%	23%	33%	0%	17	10	0
40	5	20	8	8	4	50%	20%	20%	10%	20	12	4
35	6	20	7	6	2	57%	20%	17%	6%	15	8	2
30	7	17	5	8	0	57%	17%	27%	0%	13	8	0
30	8	11	9	7	3	37%	30%	23%	10%	19	10	3
30	9	12	8	6	4	40%	27%	20%	13%	18	10	4
30	10	7	12	9	2	23%	40%	30%	7%	23	11	2
30	11	18	5	7	0	60%	17%	23%	0%	12	7	0
40	12	26	7	7	0	65%	18%	18%	0%	14	7	0
35	13	16	9	8	2	46%	26%	23%	6%	19	10	2
30	14	15	5	9	1	50%	17%	30%	3%	15	10	1
30	15	16	6	6	2	53%	20%	20%	7%	14	8	2

30	16	15	4	8	3	50%	13%	27%	10%	15	11	3
30	17	15	8	7	0	50%	27%	23%	0%	15	7	0
30	18	13	9	7	1	43%	30%	23%	3%	17	8	1
40	19	23	7	9	1	58%	18%	23%	3%	17	10	1
35	20	18	8	8	1	51%	23%	23%	3%	17	9	1
30	21	18	9	9	0	60%	30%	30%	0%	12	3	-6
30	22	10	9	8	3	33%	30%	27%	10%	20	11	3
30	23	16	7	6	1	53%	23%	20%	3%	14	7	1
30	24	20	5	5	0	67%	17%	17%	0%	10	5	0
30	25	11	9	9	1	37%	30%	30%	3%	19	10	1
40	26	21	10	7	2	53%	25%	18%	5%	19	9	2
35	27	18	9	8	0	51%	26%	23%	0%	17	8	0
30	28	15	6	5	4	50%	20%	17%	13%	15	9	4
30	29	13	6	6	5	43%	20%	20%	17%	17	11	5
30	30	14	7	7	2	47%	23%	23%	7%	16	9	2
30	31	13	8	6	3	43%	27%	20%	10%	17	9	3
Rata - rata						49%	23%	23%	5%	17	9	2

### Lampiran 3. Data Sisa Roti Oreo Cream Stick

Juli												
Oreo Cream Stick		Data Penjualan				Demand Rate				Sisa Roti		
Pembuatan Roti	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3
30	1	14	8	6	2	47%	27%	20%	7%	16	8	2
30	2	16	7	5	2	53%	23%	17%	7%	14	7	2
30	3	16	8	5	1	53%	27%	17%	3%	14	6	1
40	4	22	9	8	1	55%	23%	20%	3%	18	9	1
35	5	17	10	6	2	49%	29%	17%	6%	18	8	2
30	6	14	6	8	2	47%	20%	27%	7%	16	10	2
30	7	14	8	7	1	47%	27%	23%	3%	16	8	1
30	8	16	8	5	1	53%	27%	17%	3%	14	6	1

30	9	15	7	8	0	50%	23%	27%	0%	15	8	0
30	10	11	8	9	2	37%	27%	30%	7%	19	11	2
40	11	22	10	7	1	55%	25%	18%	3%	18	8	1
35	12	18	9	6	2	51%	26%	17%	6%	17	8	2
30	13	11	8	7	4	37%	27%	23%	13%	19	11	4
30	14	12	9	6	3	40%	30%	20%	10%	18	9	3
30	15	17	7	5	1	57%	23%	17%	3%	13	6	1
30	16	14	8	5	3	47%	27%	17%	10%	16	8	3
30	17	14	8	6	2	47%	27%	20%	7%	16	8	2
40	18	21	9	7	3	53%	23%	18%	8%	19	10	3
35	19	21	7	6	1	60%	20%	17%	3%	14	7	1
30	20	15	8	5	2	50%	27%	17%	7%	15	7	2
30	21	14	8	6	2	47%	27%	20%	7%	16	8	2
30	22	19	6	4	1	63%	20%	13%	3%	11	5	1
30	23	15	7	8	0	50%	23%	27%	0%	15	8	0
30	24	16	5	7	2	53%	17%	23%	7%	14	9	2
40	25	19	11	6	4	48%	28%	15%	10%	21	10	4
35	26	16	9	7	3	46%	26%	20%	9%	19	10	3
30	27	15	8	5	2	50%	27%	17%	7%	15	7	2
30	28	17	8	4	1	57%	27%	13%	3%	13	5	1
30	29	21	5	4	0	70%	17%	13%	0%	9	4	0
30	30	17	8	5	0	57%	27%	17%	0%	13	5	0
30	31	18	6	4	2	60%	20%	13%	7%	12	6	2
Rata - rata						51%	25%	19%	5%	16	8	2
Agustus												
Oreo Cream Stick		Data Penjualan				Demand Rate				Sisa Roti		
Pembuatan Roti	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3
40	1	23	10	6	1	58%	25%	15%	3%	17	7	1
35	2	18	9	8	0	51%	26%	23%	0%	17	8	0
30	3	14	8	6	2	47%	27%	20%	7%	16	8	2

30	4	16	9	5	0	53%	30%	17%	0%	14	5	0
30	5	10	9	7	4	33%	30%	23%	13%	20	11	4
30	6	16	8	4	2	53%	27%	13%	7%	14	6	2
30	7	17	5	8	0	57%	17%	27%	0%	13	8	0
40	8	22	9	8	1	55%	23%	20%	3%	18	9	1
35	9	18	10	5	2	51%	29%	14%	6%	17	7	2
30	10	11	11	5	3	37%	37%	17%	10%	19	8	3
30	11	15	7	6	2	50%	23%	20%	7%	15	8	2
30	12	14	8	7	1	47%	27%	23%	3%	16	8	1
30	13	20	6	3	1	67%	20%	10%	3%	10	4	1
30	14	15	10	5	0	50%	33%	17%	0%	15	5	0
40	15	20	10	8	2	50%	25%	20%	5%	20	10	2
35	16	17	8	7	3	49%	23%	20%	9%	18	10	3
30	17	7	10	8	5	23%	33%	27%	17%	23	13	5
30	18	10	9	9	2	33%	30%	30%	7%	20	11	2
30	19	14	7	6	3	47%	23%	20%	10%	16	9	3
30	20	20	6	3	1	67%	20%	10%	3%	10	4	1
30	21	15	7	5	3	50%	23%	17%	10%	15	8	3
40	22	26	7	5	2	65%	18%	13%	5%	14	7	2
35	23	15	10	6	4	43%	29%	17%	11%	20	10	4
30	24	12	7	9	2	40%	23%	30%	7%	18	11	2
30	25	11	8	8	3	37%	27%	27%	10%	19	11	3
30	26	12	9	7	2	40%	30%	23%	7%	18	9	2
30	27	22	5	3	0	73%	17%	10%	0%	8	3	0
30	28	17	7	4	2	57%	23%	13%	7%	13	6	2
40	29	24	8	6	2	60%	20%	15%	5%	16	8	2
35	30	17	10	5	3	49%	29%	14%	9%	18	8	3
30	31	10	9	7	4	33%	30%	23%	13%	20	11	4
Rata - rata						49%	26%	19%	6%	17	9	2
September												
Oreo Cream Stick		Data Penjualan				Demand Rate				Sisa Roti		
Pembuatan	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3



Rot i												
30	1	10	12	5	3	33%	40%	17%	10%	20	8	3
30	2	8	11	7	4	27%	37%	23%	13%	22	11	4
30	3	9	9	8	4	30%	30%	27%	13%	21	12	4
30	4	13	9	5	3	43%	30%	17%	10%	17	8	3
40	5	21	10	8	1	53%	25%	20%	3%	19	9	1
35	6	19	7	9	0	54%	20%	26%	0%	16	9	0
30	7	20	5	3	2	67%	17%	10%	7%	10	5	2
30	8	17	6	6	1	57%	20%	20%	3%	13	7	1
30	9	9	10	7	4	30%	33%	23%	13%	21	11	4
30	10	12	9	6	3	40%	30%	20%	10%	18	9	3
30	11	14	8	6	2	47%	27%	20%	7%	16	8	2
40	12	24	9	7	0	60%	23%	18%	0%	16	7	0
35	13	21	8	6	0	60%	23%	17%	0%	14	6	0
30	14	14	9	6	1	47%	30%	20%	3%	16	7	1
30	15	15	7	4	4	50%	23%	13%	13%	15	8	4
30	16	16	9	5	0	53%	30%	17%	0%	14	5	0
30	17	15	7	6	2	50%	23%	20%	7%	15	8	2
30	18	12	10	8	0	40%	33%	27%	0%	18	8	0
40	19	18	10	9	3	45%	25%	23%	8%	22	12	3
35	20	12	12	7	4	34%	34%	20%	11%	23	11	4
30	21	10	9	8	3	33%	30%	27%	10%	20	11	3
30	22	9	9	9	3	30%	30%	30%	10%	21	12	3
30	23	16	8	4	2	53%	27%	13%	7%	14	6	2
30	24	15	7	7	1	50%	23%	23%	3%	15	8	1
30	25	14	8	5	3	47%	27%	17%	10%	16	8	3
40	26	22	11	4	3	55%	28%	10%	8%	18	7	3
35	27	22	7	6	0	63%	20%	17%	0%	13	6	0
30	28	12	8	8	2	40%	27%	27%	7%	18	10	2
30	29	11	9	7	3	37%	30%	23%	10%	19	10	3
30	30	13	8	9	0	43%	27%	30%	0%	17	9	0
Rata - rata						46%	27%	20%	7%	18	9	3
Oktober												

Oreo Cream Stick		Data Penjualan				Demand Rate				Sisa Roti		
Pembuatan Roti	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3
30	1	13	10	6	1	43%	33%	20%	3%	17	7	1
30	2	10	12	5	3	33%	40%	17%	10%	20	8	3
40	3	17	14	6	3	43%	35%	15%	8%	23	9	3
35	4	16	10	7	2	46%	29%	20%	6%	19	9	2
30	5	15	9	5	1	50%	30%	17%	3%	15	6	1
30	6	13	8	8	1	43%	27%	27%	3%	17	9	1
30	7	11	8	9	2	37%	27%	30%	7%	19	11	2
30	8	12	9	7	2	40%	30%	23%	7%	18	9	2
30	9	14	7	6	3	47%	23%	20%	10%	16	9	3
40	10	23	10	5	2	58%	25%	13%	5%	17	7	2
35	11	18	9	7	1	51%	26%	20%	3%	17	8	1
30	12	14	7	9	0	47%	23%	30%	0%	16	9	0
30	13	16	6	7	1	53%	20%	23%	3%	14	8	1
30	14	10	9	8	3	33%	30%	27%	10%	20	11	3
30	15	16	6	8	0	53%	20%	27%	0%	14	8	0
30	16	9	10	9	2	30%	33%	30%	7%	21	11	2
40	17	22	12	5	1	55%	30%	13%	3%	18	6	1
35	18	21	9	5	0	60%	26%	14%	0%	14	5	0
30	19	15	7	6	2	50%	23%	20%	7%	15	8	2
30	20	14	6	8	2	47%	20%	27%	7%	16	10	2
30	21	17	6	7	0	57%	20%	23%	0%	13	7	0
30	22	10	8	9	3	33%	27%	30%	10%	20	12	3
30	23	11	11	6	2	37%	37%	20%	7%	19	8	2
40	24	23	10	7	0	58%	25%	18%	0%	17	7	0
35	25	17	9	8	1	49%	26%	23%	3%	18	9	1
30	26	15	8	7	0	50%	27%	23%	0%	15	7	0
30	27	17	7	4	2	57%	23%	13%	7%	13	6	2
30	28	14	7	8	1	47%	23%	27%	3%	16	9	1

30	29	10	7	10	3	33%	23%	33%	10%	20	13	3
30	30	10	9	9	2	33%	30%	30%	7%	20	11	2
40	31	23	10	7	0	58%	25%	18%	0%	17	7	0
Rata - rata						46%	27%	22%	5%	18	9	2
November												
Oreo Cream Stick		Data Penjualan				Demand Rate				Sisa Roti		
Pembuat Roti	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3
35	1	18	6	8	3	51%	17%	23%	9%	17	11	3
30	2	13	10	5	2	43%	33%	17%	7%	17	7	2
30	3	12	11	6	1	40%	37%	20%	3%	18	7	1
30	4	17	9	4	0	57%	30%	13%	0%	13	4	0
30	5	14	8	6	2	47%	27%	20%	7%	16	8	2
30	6	16	7	5	2	53%	23%	17%	7%	14	7	2
40	7	27	7	5	1	68%	18%	13%	3%	13	6	1
35	8	20	7	8	0	57%	20%	23%	0%	15	8	0
30	9	13	10	6	1	43%	33%	20%	3%	17	7	1
30	10	13	11	4	2	43%	37%	13%	7%	17	6	2
30	11	11	9	7	3	37%	30%	23%	10%	19	10	3
30	12	11	9	7	3	37%	30%	23%	10%	19	10	3
30	13	14	8	4	4	47%	27%	13%	13%	16	8	4
40	14	25	7	5	3	63%	18%	13%	8%	15	8	3
35	15	24	6	3	2	69%	17%	9%	6%	11	5	2
30	16	14	9	6	1	47%	30%	20%	3%	16	7	1
30	17	16	8	6	0	53%	27%	20%	0%	14	6	0
30	18	18	6	5	1	60%	20%	17%	3%	12	6	1
30	19	11	9	7	3	37%	30%	23%	10%	19	10	3
30	20	20	7	3	0	67%	23%	10%	0%	10	3	0
40	21	31	5	4	0	78%	13%	10%	0%	9	4	0
35	22	16	9	8	2	46%	26%	23%	6%	19	10	2
30	23	19	6	5	0	63%	20%	17%	0%	11	5	0

30	24	15	9	4	2	50%	30%	13%	7%	15	6	2
30	25	14	6	8	2	47%	20%	27%	7%	16	10	2
30	26	12	9	7	2	40%	30%	23%	7%	18	9	2
30	27	15	9	5	1	50%	30%	17%	3%	15	6	1
40	28	29	5	2	4	73%	13%	5%	10%	11	6	4
35	29	16	9	8	2	46%	26%	23%	6%	19	10	2
30	30	15	8	6	1	50%	27%	20%	3%	15	7	1
Rata - rata						52%	25%	18%	5%	16	8	2
Desember												
Oreo Cream Stick		Data Penjualan				Demand Rate				Sisa Roti		
Pembuatan Roti	Tanggal	Hari ke-1	Hari ke-2	Hari ke-3	Hari ke-4	P0	P1	P2	Pns	Hari ke-1	Hari ke-2	Hari ke-3
30	1	16	8	4	2	53%	27%	13%	7%	14	6	2
30	2	14	10	5	1	47%	33%	17%	3%	16	6	1
30	3	9	12	6	3	30%	40%	20%	10%	21	9	3
30	4	14	9	5	2	47%	30%	17%	7%	16	7	2
40	5	24	9	7	0	60%	23%	18%	0%	16	7	0
35	6	29	4	2	0	83%	11%	6%	0%	6	2	0
30	7	20	6	3	1	67%	20%	10%	3%	10	4	1
30	8	15	8	7	0	50%	27%	23%	0%	15	7	0
30	9	11	10	9	0	37%	33%	30%	0%	19	9	0
30	10	9	10	8	3	30%	33%	27%	10%	21	11	3
30	11	10	9	7	4	33%	30%	23%	13%	20	11	4
40	12	21	10	7	2	53%	25%	18%	5%	19	9	2
35	13	20	8	5	2	57%	23%	14%	6%	15	7	2
30	14	12	7	8	3	40%	23%	27%	10%	18	11	3
30	15	13	9	6	2	43%	30%	20%	7%	17	8	2
30	16	14	8	7	1	47%	27%	23%	3%	16	8	1
30	17	11	9	8	2	37%	30%	27%	7%	19	10	2
30	18	11	11	8	0	37%	37%	27%	0%	19	8	0
40	19	28	7	3	2	70%	18%	8%	5%	12	5	2

35	20	19	9	7	0	54%	26%	20%	0%	16	7	0
30	21	17	7	4	2	57%	23%	13%	7%	13	6	2
30	22	16	8	6	0	53%	27%	20%	0%	14	6	0
30	23	11	9	8	2	37%	30%	27%	7%	19	10	2
30	24	13	10	7	0	43%	33%	23%	0%	17	7	0
30	25	15	8	5	2	50%	27%	17%	7%	15	7	2
40	26	26	8	6	0	65%	20%	15%	0%	14	6	0
35	27	22	8	5	0	63%	23%	14%	0%	13	5	0
30	28	13	7	9	1	43%	23%	30%	3%	17	10	1
30	29	11	9	8	2	37%	30%	27%	7%	19	10	2
30	30	14	10	5	1	47%	33%	17%	3%	16	6	1
30	31	17	6	7	0	57%	20%	23%	0%	13	7	0
						49%	27%	20%	4%	16	8	2

*(“halaman ini sengaja dikosongkan”)*

## BIOGRAFI



IGNASIUS KRISNA WICAKSONO, dilahirkan dikabupaten Lumajang Jawa Timur. Pada hari selasa tanggal 29 Juni 1999. Merupakan anak kedua dari dua bersaudara. Penulis berpendidikan sekolah dasar di SDK St. Yohanes Lumajang, yang kemudian dilanjutkan ke SD Triguna Bakti Surabaya kemudian lulus pada tahun 2011. Pada tahun tersebut penulis melanjutkan pendidikan di SMP PGRI 1 Surabaya dan tamat pada tahun 2014. Kemudian penulis melanjutkan pendidikan di SMAK Stella Maris Surabaya pada tahun 2014 dan tamat pada tahun 2017. Pada tahun 2017 penulis melanjutkan pendidikan di perguruan tinggi swasta, yaitu Universitas 17 Agustus 1945 Surabaya Fakultas Teknik Program Studi Teknik Industri. Penulis dapat dihubungi melalui email [ignasius.krisna@gmail.com](mailto:ignasius.krisna@gmail.com).