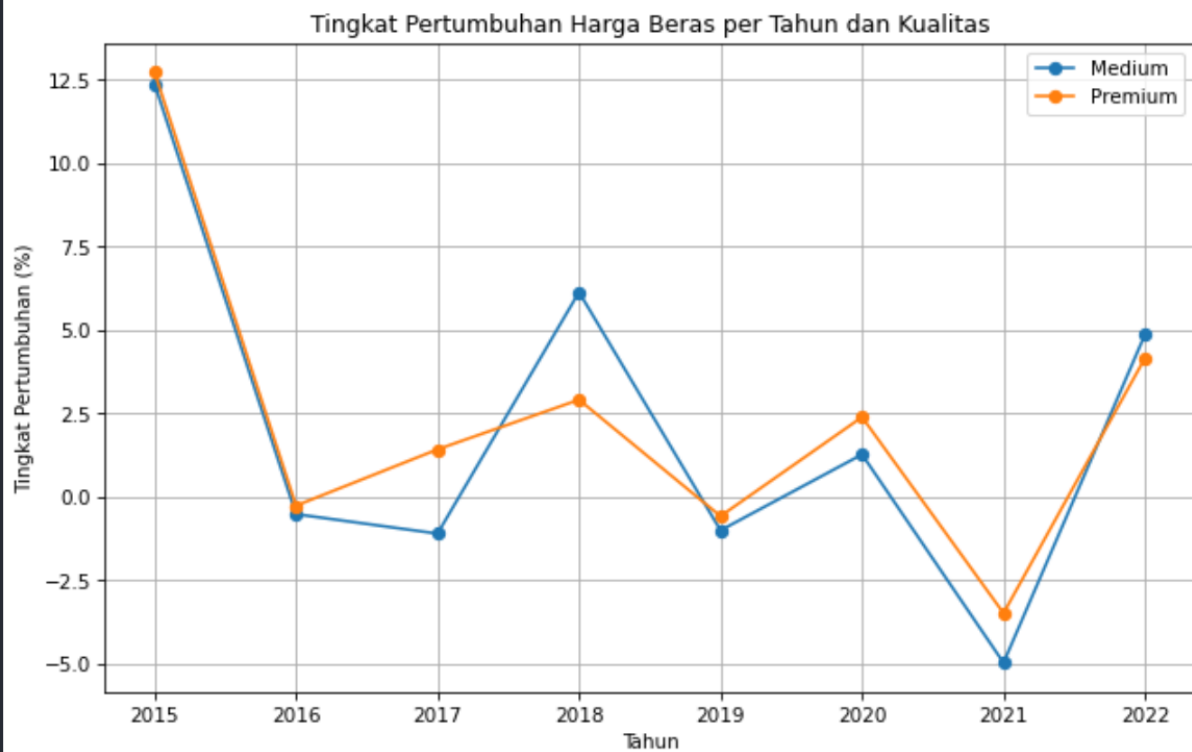


| | Kualitas beras | Rata-rata harga (Rp/Kg) | Bulan | Tahun |
|----|----------------|-------------------------|-----------|-------|
| 0 | Premium | 8208.79 | Januari | 2014 |
| 1 | Premium | 8303.23 | Februari | 2014 |
| 2 | Premium | 8192.87 | Maret | 2014 |
| 3 | Premium | 7919.93 | April | 2014 |
| 4 | Premium | 8009.43 | Mei | 2014 |
| 5 | Premium | 8167.57 | Juni | 2014 |
| 6 | Premium | 8228.30 | Juli | 2014 |
| 7 | Premium | 8329.47 | Agustus | 2014 |
| 8 | Premium | 8310.51 | September | 2014 |
| 9 | Premium | 8396.86 | Oktober | 2014 |
| 10 | Premium | 8555.14 | November | 2014 |
| 11 | Premium | 9018.39 | Desember | 2014 |
| 12 | Medium | 8028.48 | Januari | 2014 |
| 13 | Medium | 8129.02 | Februari | 2014 |
| 14 | Medium | 8083.86 | Maret | 2014 |
| 15 | Medium | 7830.22 | April | 2014 |
| 16 | Medium | 7805.76 | Mei | 2014 |
| 17 | Medium | 7797.08 | Juni | 2014 |
| 18 | Medium | 7939.00 | Juli | 2014 |
| 19 | Medium | 8009.58 | Agustus | 2014 |
| 20 | Medium | 8125.93 | September | 2014 |
| 21 | Medium | 8126.34 | Oktober | 2014 |
| 22 | Medium | 8372.84 | November | 2014 |
| 23 | Medium | 8992.57 | Desember | 2014 |

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 216 entries, 0 to 215
Data columns (total 4 columns):
#   Column                                Non-Null Count  Dtype
---  -
0   Kualitas beras                       216 non-null    object
1   Rata-rata harga (Rp/Kg)              216 non-null    float64
2   Bulan                                216 non-null    object
3   Tahun                                216 non-null    int64
dtypes: float64(1), int64(1), object(2)
memory usage: 6.9+ KB
None
```

| | Kualitas beras | Tahun | Rata-rata harga (Rp/Kg) |
|----|----------------|-------|-------------------------|
| 0 | Medium | 2014 | 8103.39 |
| 1 | Medium | 2015 | 9106.63 |
| 2 | Medium | 2016 | 9059.34 |
| 3 | Medium | 2017 | 8959.58 |
| 4 | Medium | 2018 | 9509.54 |
| 5 | Medium | 2019 | 9414.03 |
| 6 | Medium | 2020 | 9533.78 |
| 7 | Medium | 2021 | 9059.67 |
| 8 | Medium | 2022 | 9501.05 |
| 9 | Premium | 2014 | 8303.37 |
| 10 | Premium | 2015 | 9360.65 |
| 11 | Premium | 2016 | 9335.98 |
| 12 | Premium | 2017 | 9468.85 |
| 13 | Premium | 2018 | 9744.62 |
| 14 | Premium | 2019 | 9688.26 |
| 15 | Premium | 2020 | 9920.03 |
| 16 | Premium | 2021 | 9574.26 |
| 17 | Premium | 2022 | 9972.88 |

| | Kualitas beras | Tahun | Rata-rata harga (Rp/Kg) | Tingkat pertumbuhan (%) |
|----|----------------|-------|-------------------------|-------------------------|
| 1 | Medium | 2015 | 9106.63 | 12.380498 |
| 2 | Medium | 2016 | 9059.34 | -0.519292 |
| 3 | Medium | 2017 | 8959.58 | -1.101184 |
| 4 | Medium | 2018 | 9509.54 | 6.138234 |
| 5 | Medium | 2019 | 9414.03 | -1.004360 |
| 6 | Medium | 2020 | 9533.78 | 1.272038 |
| 7 | Medium | 2021 | 9059.67 | -4.972949 |
| 8 | Medium | 2022 | 9501.05 | 4.871921 |
| 10 | Premium | 2015 | 9360.65 | 12.733143 |
| 11 | Premium | 2016 | 9335.98 | -0.263550 |
| 12 | Premium | 2017 | 9468.85 | 1.423204 |
| 13 | Premium | 2018 | 9744.62 | 2.912392 |
| 14 | Premium | 2019 | 9688.26 | -0.578370 |
| 15 | Premium | 2020 | 9920.03 | 2.392277 |
| 16 | Premium | 2021 | 9574.26 | -3.485574 |
| 17 | Premium | 2022 | 9972.88 | 4.163455 |



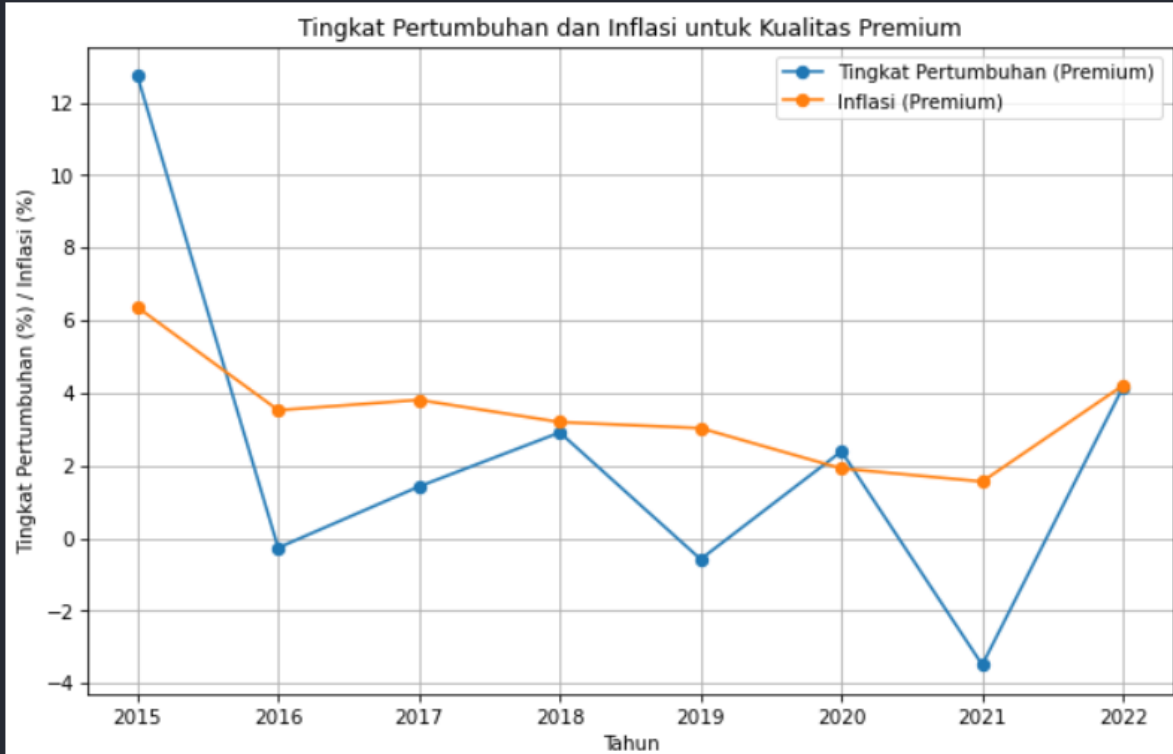
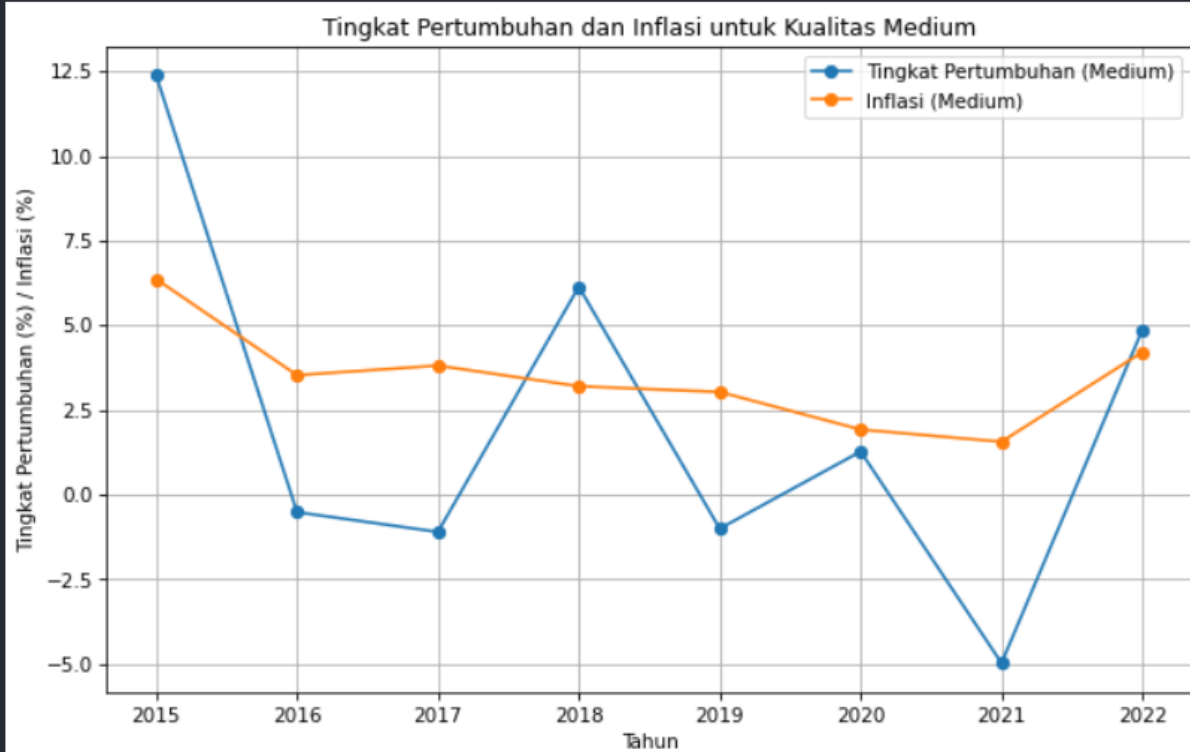
| | Tahun | Inflasi |
|---|-------|----------|
| 0 | 2015 | 6.363121 |
| 1 | 2016 | 3.525805 |
| 2 | 2017 | 3.808798 |
| 3 | 2018 | 3.198346 |
| 4 | 2019 | 3.030587 |
| 5 | 2020 | 1.920968 |
| 6 | 2021 | 1.560130 |
| 7 | 2022 | 4.209464 |

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 8 entries, 0 to 7
Data columns (total 2 columns):
#   Column      Non-Null Count  Dtype
---  -
0   Tahun       8 non-null     int64
1   Inflasi     8 non-null     float64
dtypes: float64(1), int64(1)
memory usage: 256.0 bytes
None
```

| | Tahun | Inflasi |
|---|-------|----------|
| 0 | 2015 | 0.063631 |
| 1 | 2016 | 0.035258 |
| 2 | 2017 | 0.038088 |
| 3 | 2018 | 0.031983 |
| 4 | 2019 | 0.030306 |

| | Kualitas beras | Tahun | Rata-rata harga (Rp/Kg) | Tingkat pertumbuhan (%) \ |
|----|----------------|-------|-------------------------|---------------------------|
| 0 | Medium | 2015 | 9106.63 | 12.380498 |
| 1 | Medium | 2016 | 9059.34 | -0.519292 |
| 2 | Medium | 2017 | 8959.58 | -1.101184 |
| 3 | Medium | 2018 | 9509.54 | 6.138234 |
| 4 | Medium | 2019 | 9414.03 | -1.004360 |
| 5 | Medium | 2020 | 9533.78 | 1.272038 |
| 6 | Medium | 2021 | 9059.67 | -4.972949 |
| 7 | Medium | 2022 | 9501.05 | 4.871921 |
| 8 | Premium | 2015 | 9360.65 | 12.733143 |
| 9 | Premium | 2016 | 9335.98 | -0.263550 |
| 10 | Premium | 2017 | 9468.85 | 1.423204 |
| 11 | Premium | 2018 | 9744.62 | 2.912392 |
| 12 | Premium | 2019 | 9688.26 | -0.578370 |
| 13 | Premium | 2020 | 9920.03 | 2.392277 |
| 14 | Premium | 2021 | 9574.26 | -3.485574 |
| 15 | Premium | 2022 | 9972.88 | 4.163455 |

| | Inflasi |
|-----|----------|
| 0 | 0.063631 |
| 1 | 0.035258 |
| 2 | 0.038088 |
| 3 | 0.031983 |
| 4 | 0.030306 |
| 5 | 0.019210 |
| ... | |
| 12 | 0.030306 |
| 13 | 0.019210 |
| 14 | 0.015601 |
| 15 | 0.042095 |



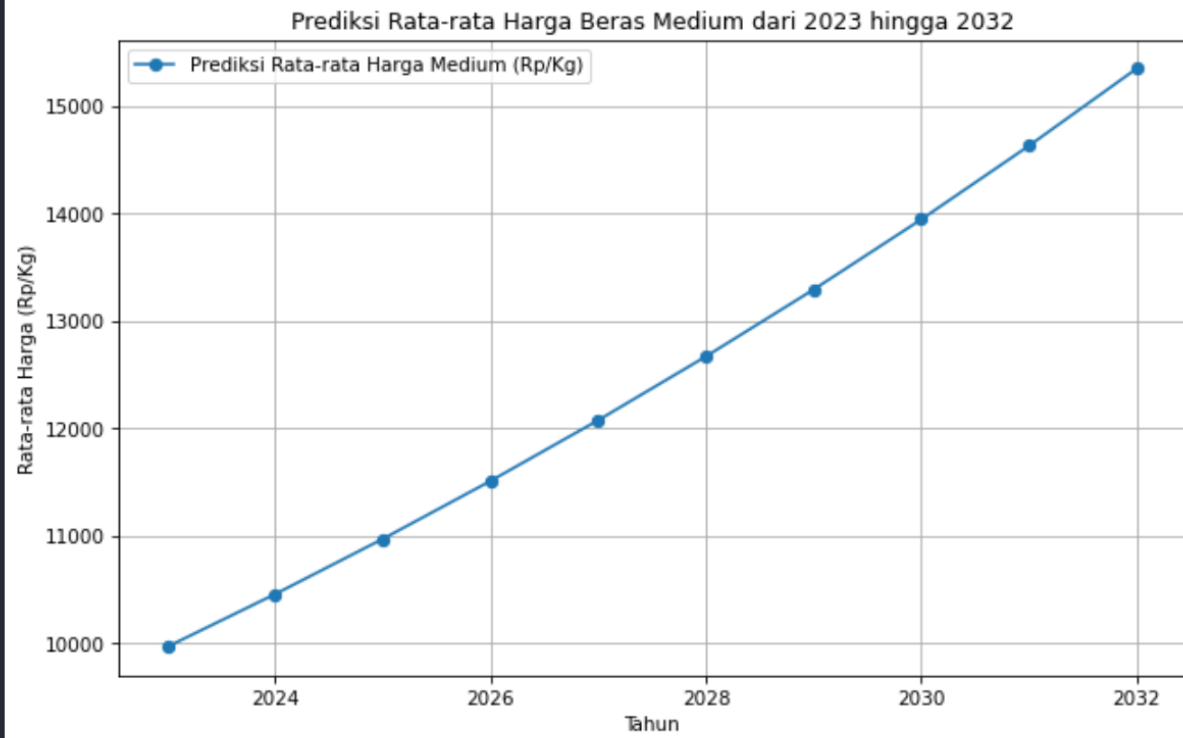
```
State:
kualitas_beras      Medium
tahun_awal_prediksi 2023
tahun_akhir_prediksi 2032
Name: state, dtype: object
```

```
System:
System(rata_rata_harga_terkini=9501.05, inflasi_terkini=0.042094638340000004, tingkat_pertumbuhan_terkini=4.871921383449941)
```

Time

| | |
|------|----------|
| 2023 | 9968.13 |
| 2024 | 10458.17 |
| 2025 | 10972.30 |
| 2026 | 11511.70 |
| 2027 | 12077.63 |
| 2028 | 12671.37 |
| 2029 | 13294.30 |
| 2030 | 13947.86 |
| 2031 | 14633.55 |
| 2032 | 15352.94 |

Name: Quantity, dtype: float64



```
State:
kualitas_beras      Premium
tahun_awal_prediksi 2023
tahun_akhir_prediksi 2032
Name: state, dtype: object

System:
System(rata_rata_harga_terkini=9972.88, inflasi_terkini=0.042094638340000004, tingkat_pertumbuhan_terkini=4.16345493019825)
```

Time

| | |
|------|----------|
| 2023 | 10392.47 |
| 2024 | 10829.71 |
| 2025 | 11285.35 |
| 2026 | 11760.16 |
| 2027 | 12254.94 |
| 2028 | 12770.55 |
| 2029 | 13307.84 |
| 2030 | 13867.74 |
| 2031 | 14451.20 |
| 2032 | 15059.21 |

Name: Quantity, dtype: float64

