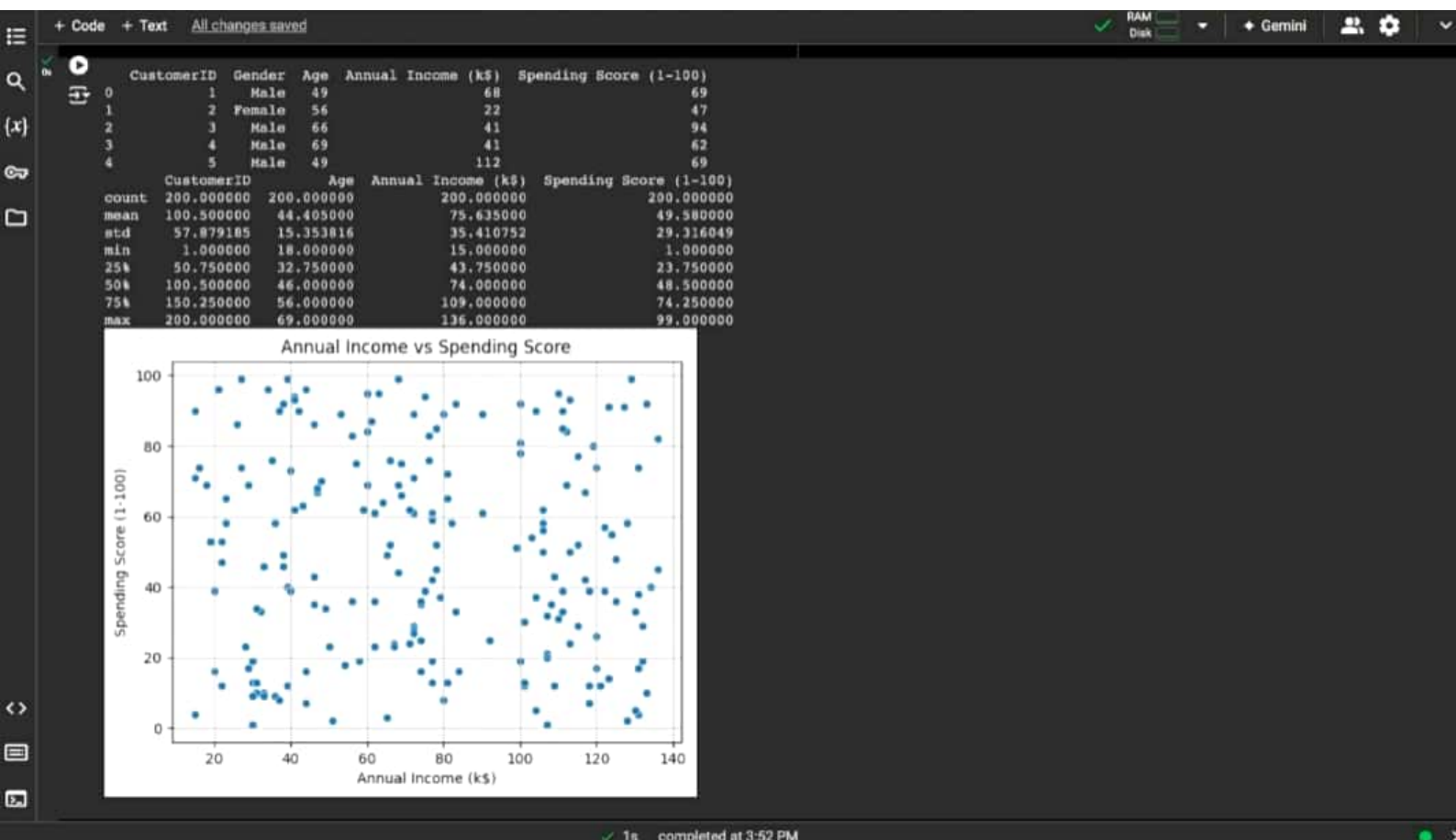
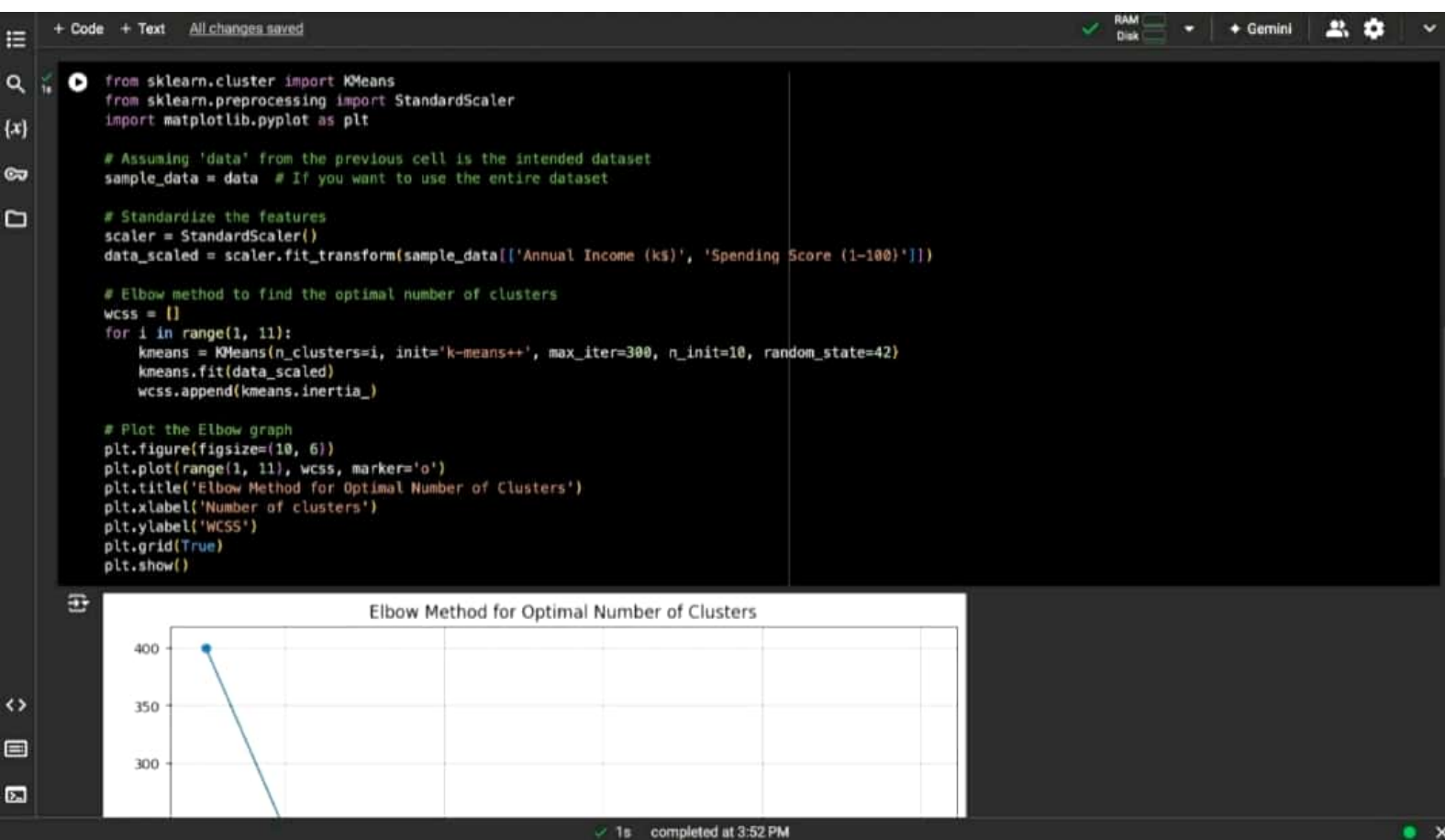
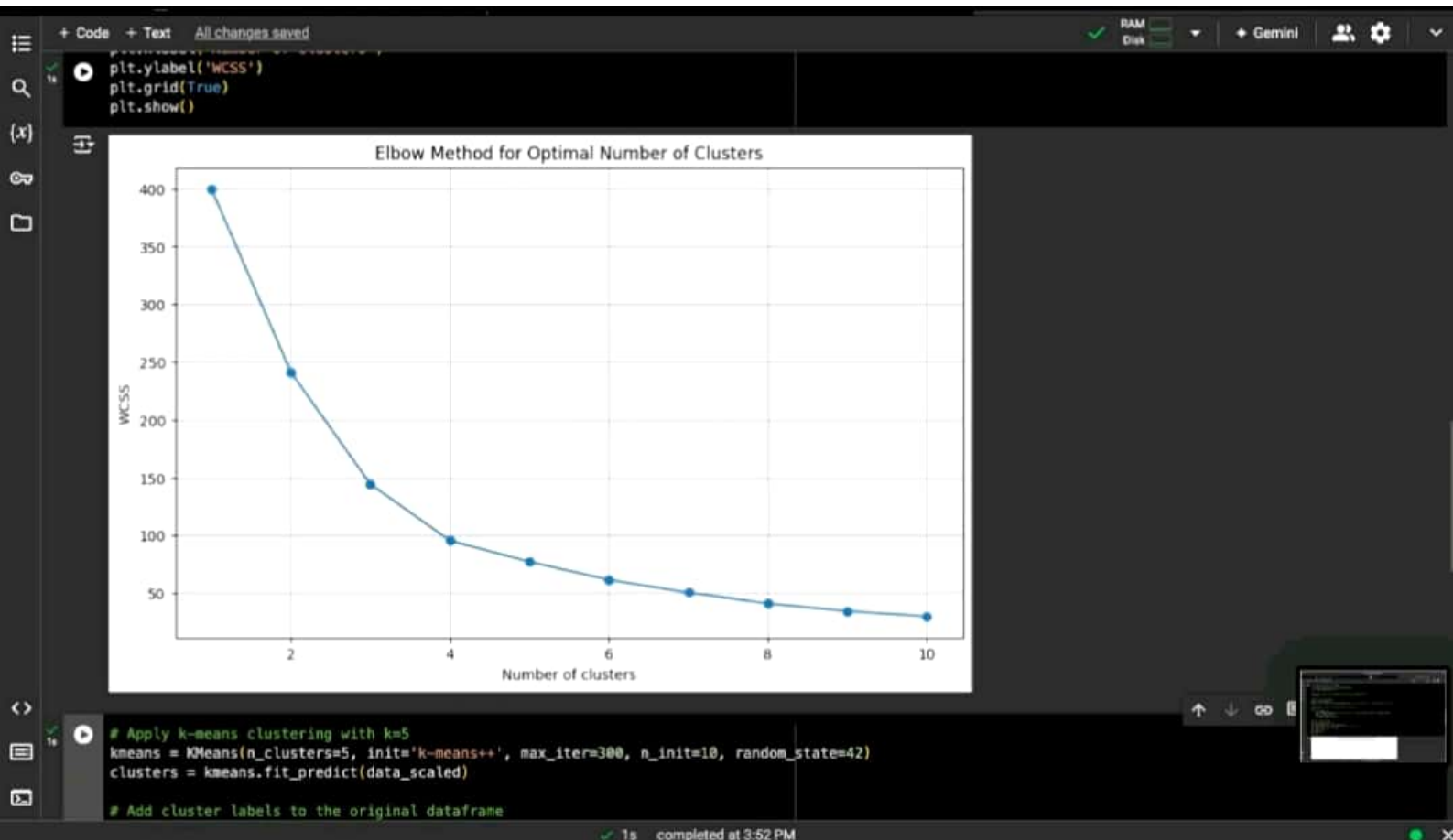
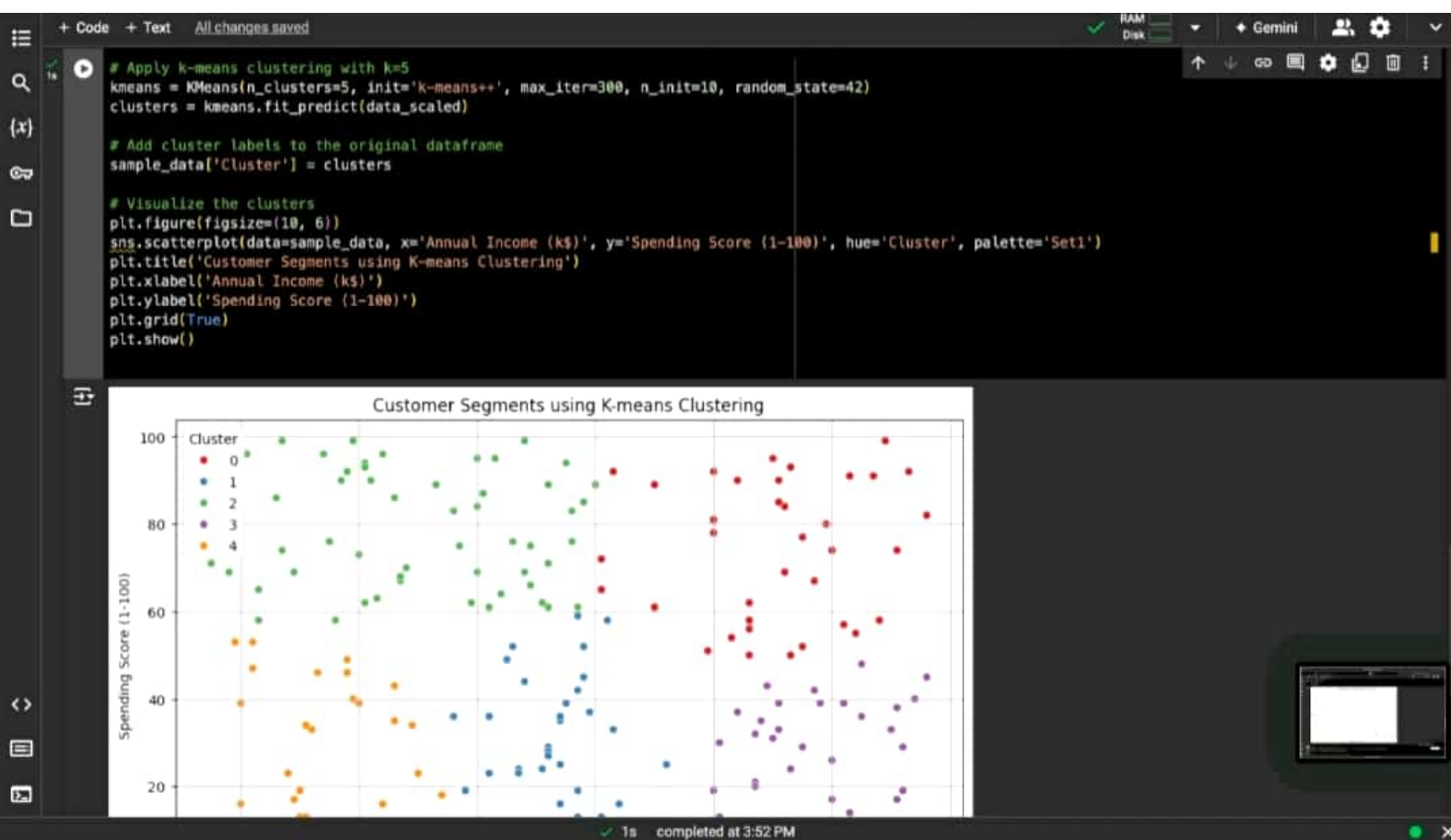


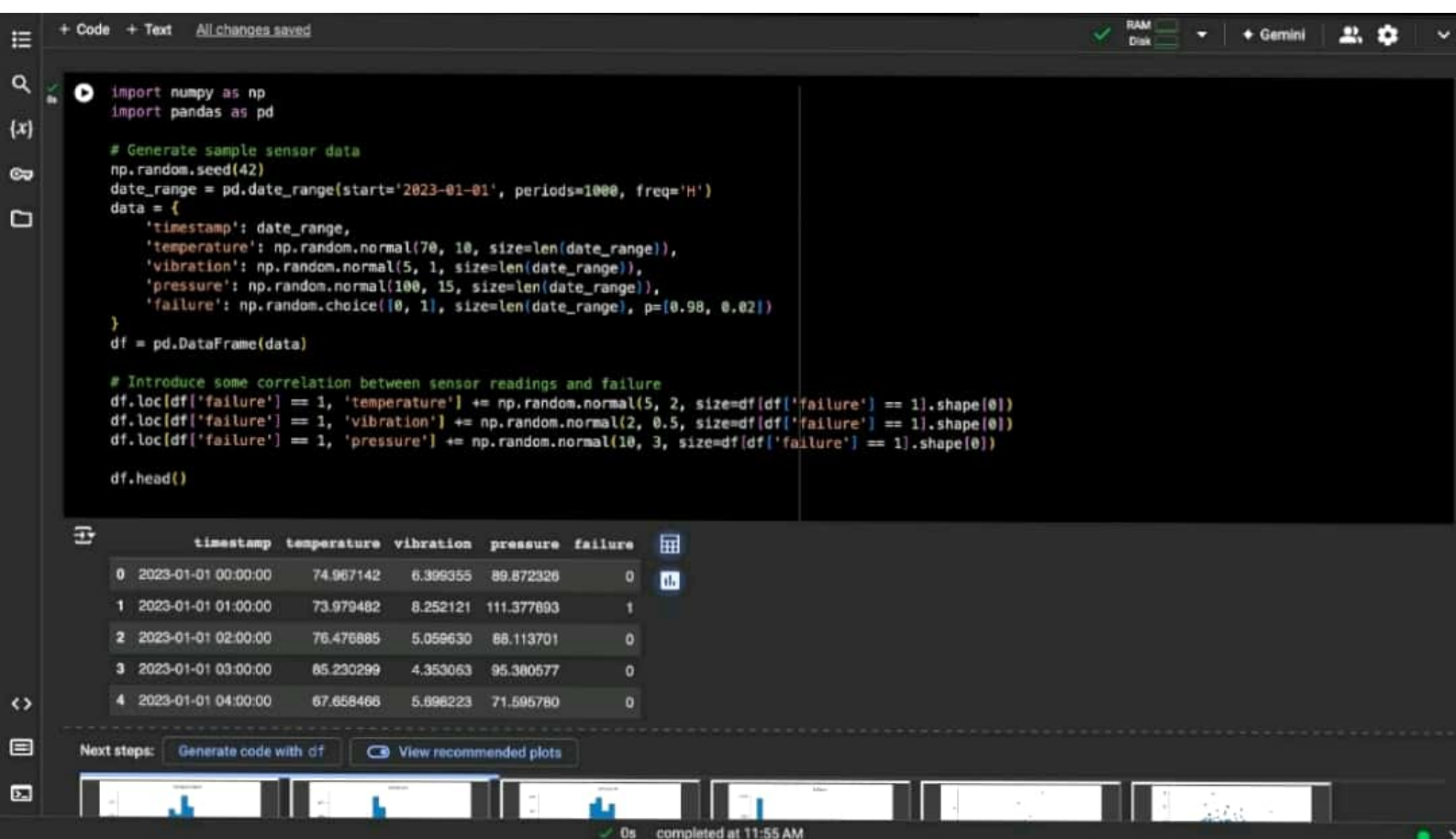
Scanned with CamScanner

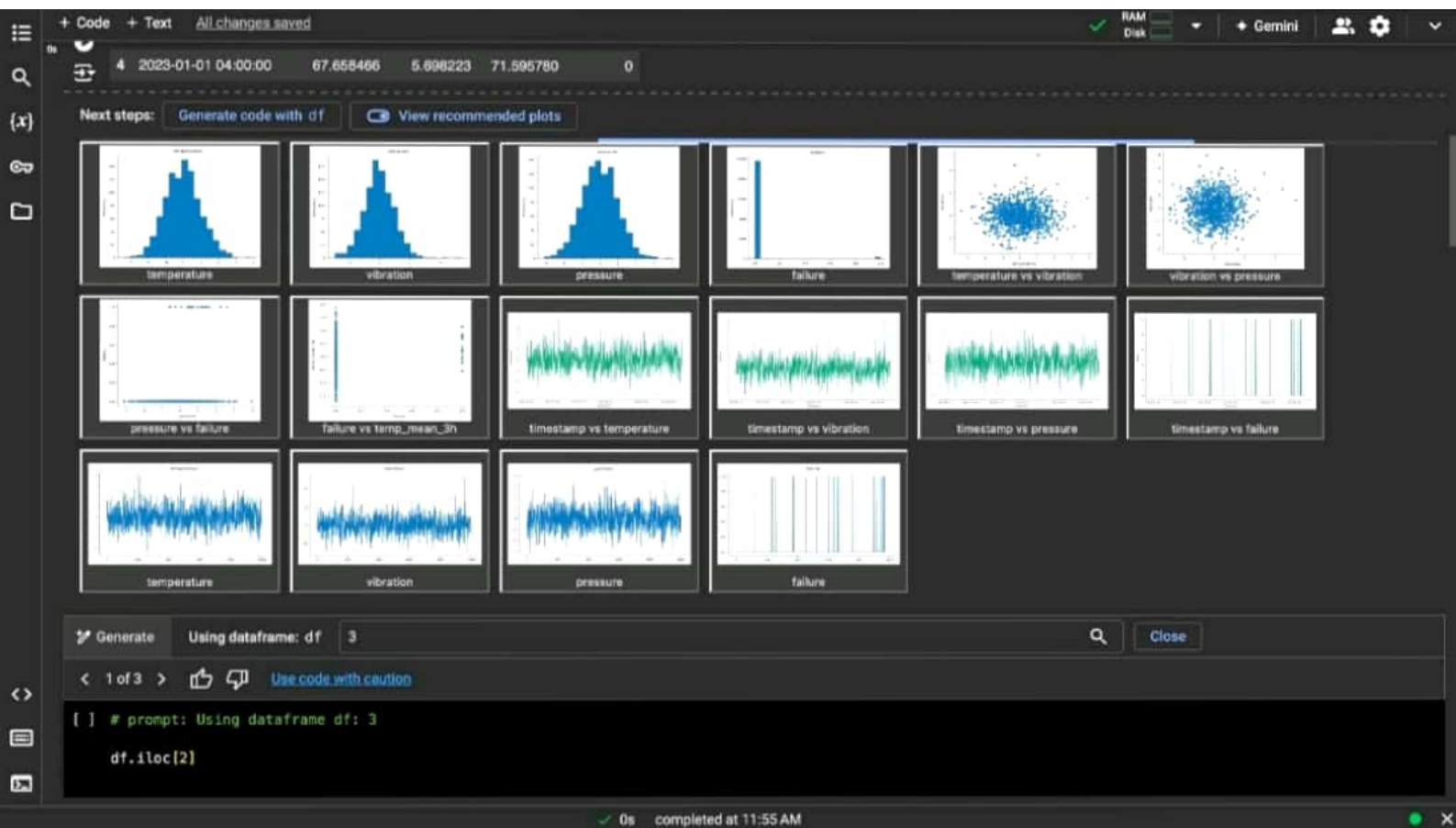


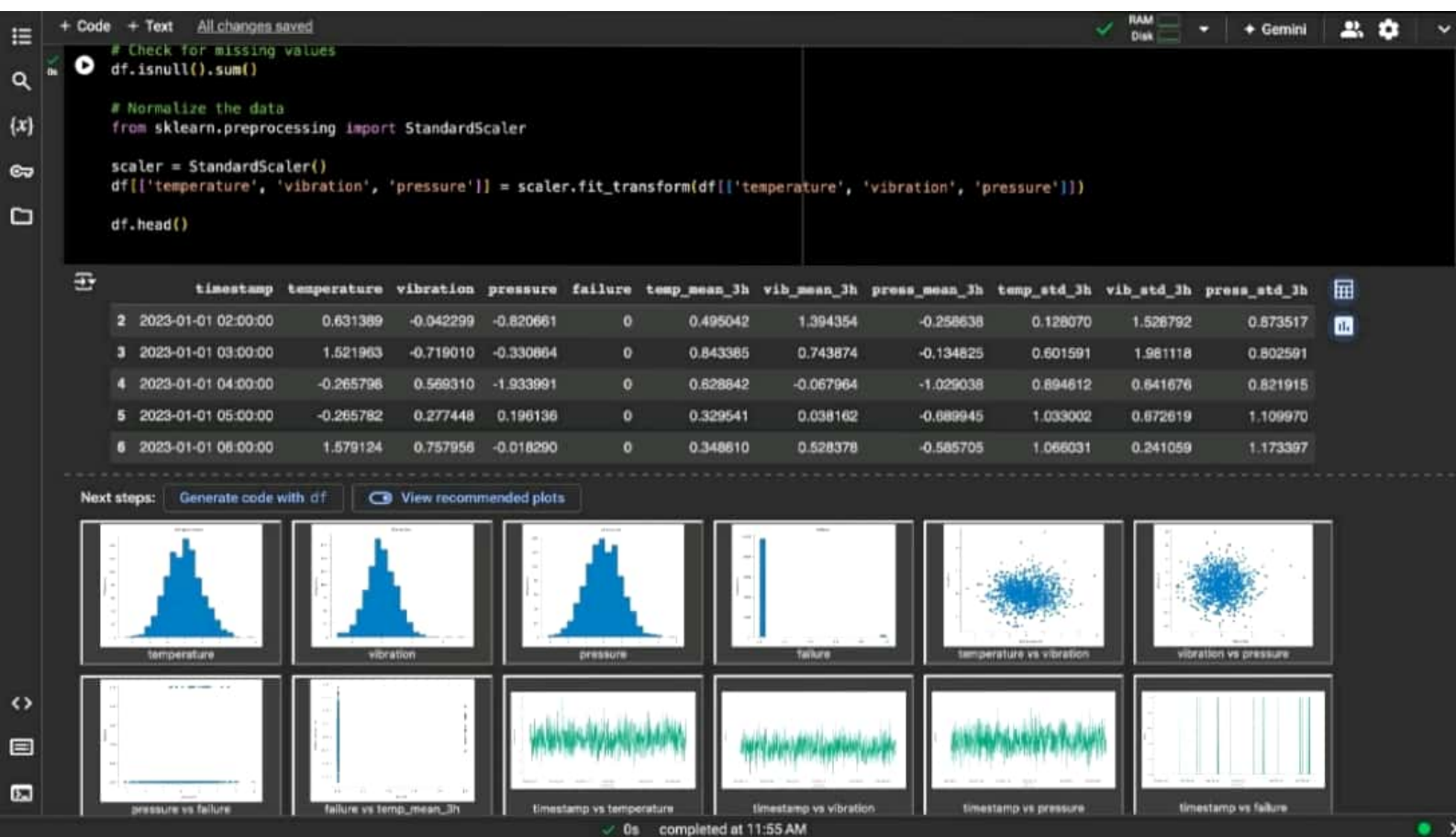


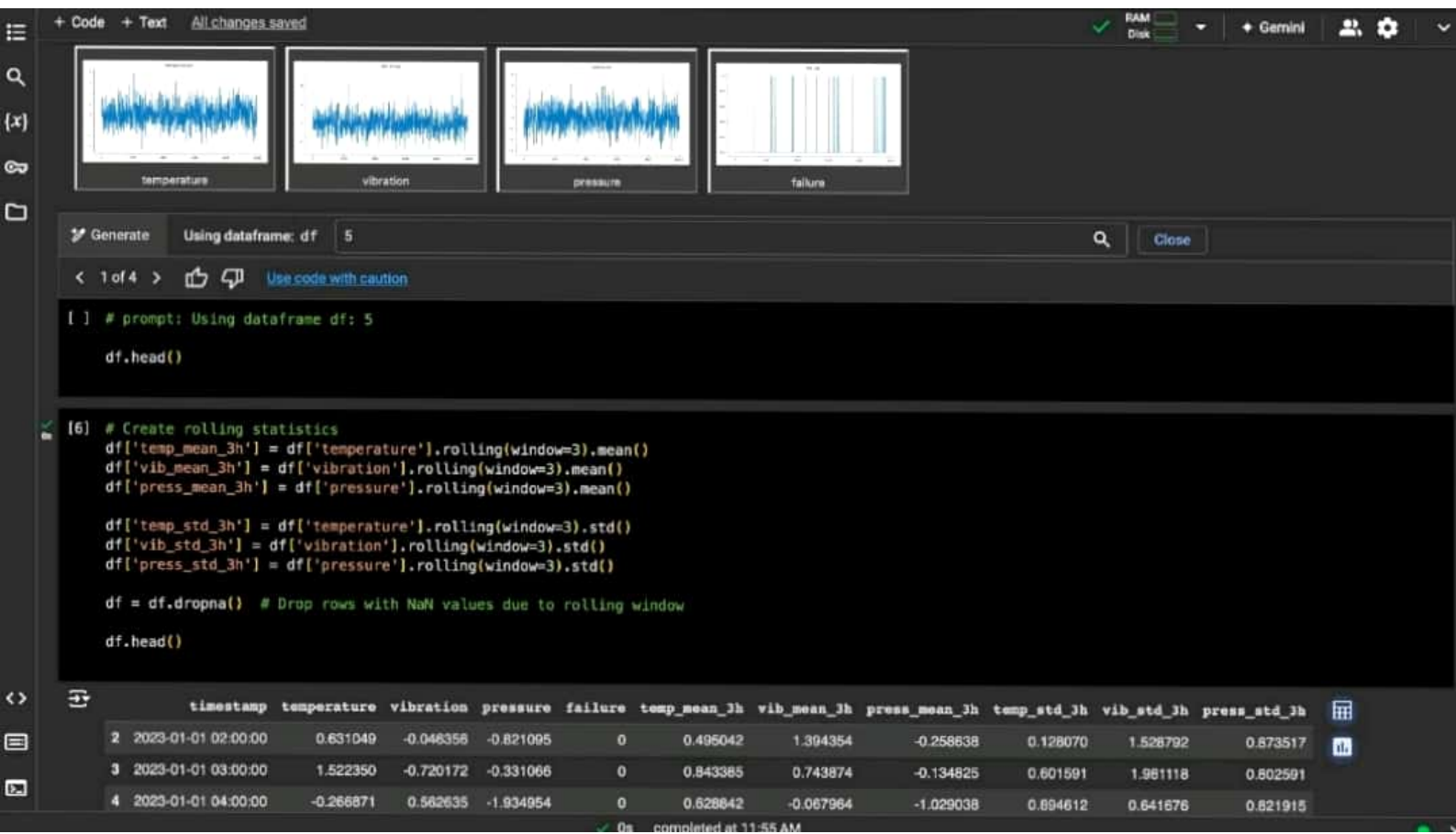


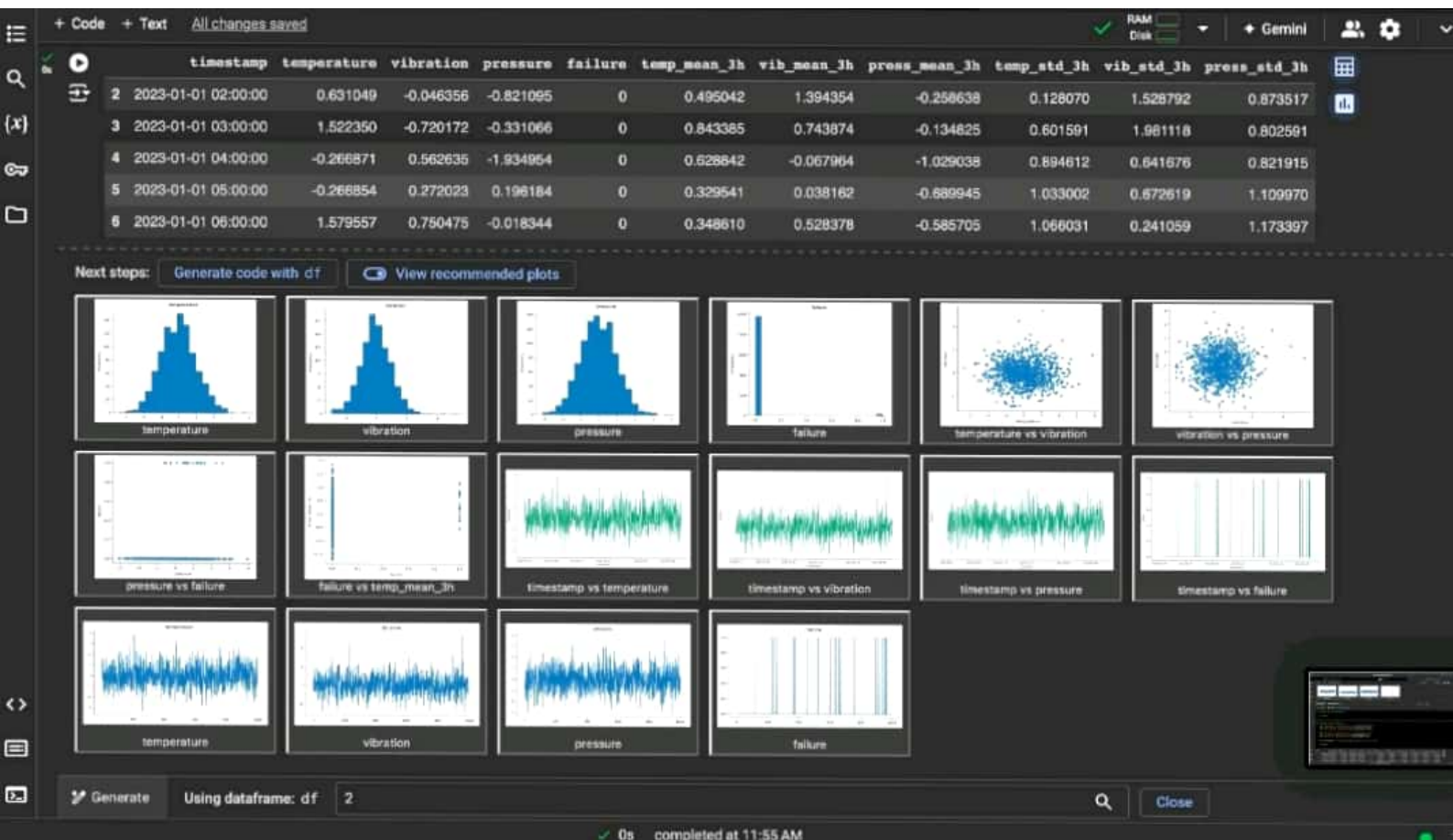












+ Code + Text All changes saved

RAM
Disk

+ Gemini

	precision	recall	f1-score	support
0	0.98	1.00	0.99	194
1	1.00	0.33	0.50	6
accuracy			0.98	200
macro avg	0.99	0.67	0.74	200
weighted avg	0.98	0.98	0.98	200

```
# Example new sensor readings
new_data = {
    'temperature': [0.5],
    'vibration': [0.1],
    'pressure': [0.2],
    'temp_mean_3h': [0.4],
    'vib_mean_3h': [0.3],
    'press_mean_3h': [0.1],
    'temp_std_3h': [0.2],
    'vib_std_3h': [0.1],
    'press_std_3h': [0.3]
}

new_df = pd.DataFrame(new_data)
prediction = model.predict(new_df)
prediction
```

array([0])