Project Development Phase
Model Performance Test

Date	10 November 2023
Team ID	Q8D3567C80A02B519AB14E4D188B4ABD2
Project Name	Solar panel Forecasting
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	No of Visualizations / Graphs - 7
2.	Data Responsiveness	Solar panel Forecasting
3.	Amount Data to Rendered (DB2 Metrics)	4 months
4.	Utilization of Data Filters	30 nov 2023
5.	Effective User Story	No of Scene Added - 1
6.	Descriptive Reports	No of Visulizations / Graphs - 5

Demo image

app.py X   home.html

app.py > ...

```python
1   from flask import Flask, render_template
2
3   app = Flask(__name__)
4
5   @app.route('/')
6   def home():
7       return render_template('index.html')
8
9   @app.route('/story')
10  def story():
11      return render_template('story.html')
12
13  @app.route('/dashboard')
14  def dashboard():
15      return render_template('dashboard.html')
16
17  @app.route('/report')
18  def report():
19      return render_template('report.html')
20
21  if __name__ == '__main__':
22      app.run(debug=True)
23
```
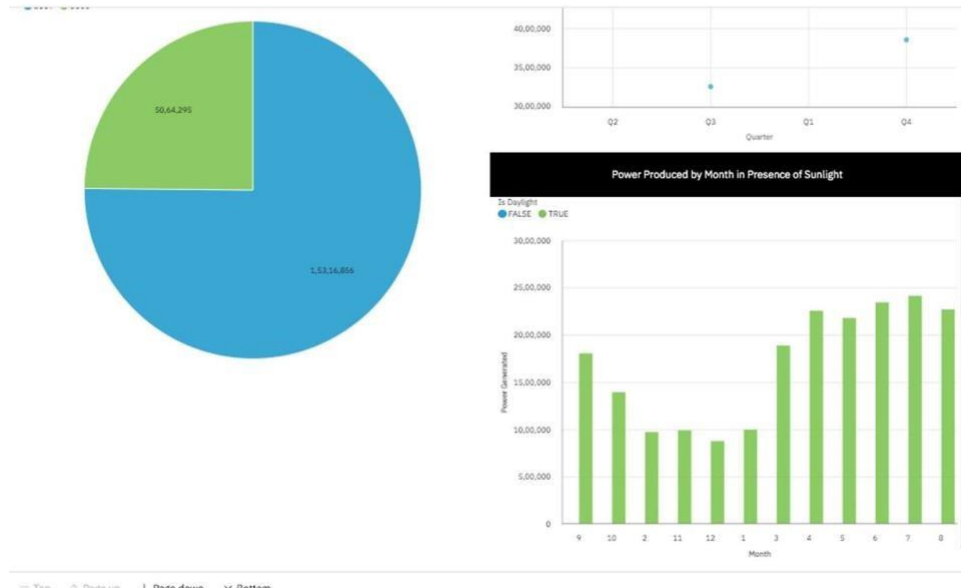
---

app.py   home.html X

templates > home.html > ...

```html
1   <!DOCTYPE html>
2   <html>
3   <head>
4       <title>Student Performance Analysis</title>
5       <link rel="stylesheet" href="{{ url_for('static', filename='css/st.css') }}">
6   </head>
7   <body>
8       <h1>Student Performance Analysis</h1>
9       <div class="container">
10          <a class="link" href="{{ url_for('dashboard') }}">Dashboard</a>
11          <a class="link" href="{{ url_for('story') }}">Story</a>
12          <a class="link" href="{{ url_for('report') }}">Report</a>
13      </div>
14
15      <script src="{{ url_for('static', filename='js/main.js') }}"></script>
16  </body>
17  </html>
18
```

Naan Mudhalvan.

Report

50,64,295

1,53,16,856

40,00,000

35,00,000

30,00,000

Q2   Q3   Q1   Q4
Quarter

Power Produced by Month in Presence of Sunlight

Is Daylight
● FALSE ● TRUE

30,00,000

25,00,000

20,00,000

15,00,000

10,00,000

5,00,000

0

9 10 2 11 12 1 3 4 5 6 7 8
Month

Analytics tools for placement

Report

gender	ssc_p	ssc_b	hsc_p	hsc_b	hsc_s	degree_p	degree_t	workex	etest_p	specialisation	mba_p	status	salary
M	750.1	Central	784.3	Central	Commerce	755.29	Comm&Mgmt	No	878.29	Mkt&Fin	656.01	Placed	3,298,000
M	712.19	Others	687.08	Others	Commerce	684.67	Comm&Mgmt	No	753.26	Mkt&Fin	617.58	Placed	2,715,000
M	466.8	Central	467.2	Central	Commerce	455.9	Comm&Mgmt	Yes	528.06	Mkt&Fin	427.75	Placed	2,484,000
M	521.5	Others	519.6	Others	Science	478.36	Sci&Tech	No	594.44	Mkt&Fin	448.57	Placed	2,416,000
M	549.68	Others	554.33	Others	Commerce	513.87	Comm&Mgmt	No	574	Mkt&HR	471.49	Placed	2,105,000
M	342.24	Others	331.83	Others	Science	339.77	Sci&Tech	Yes	381	Mkt&Fin	307.53	Placed	1,890,000
M	437.23	Central	469.6	Others	Commerce	401.55	Comm&Mgmt	Yes	462.22	Mkt&Fin	381.86	Placed	1,785,000
M	304.5	Central	261.16	Central	Science	257	Sci&Tech	Yes	288	Mkt&Fin	256.37	Placed	1,497,000
M	400.6	Central	374.8	Central	Science	358.72	Sci&Tech	Yes	418.2	Mkt&HR	337.58	Placed	1,471,000
M	237.4	Others	191.66	Others	Science	211.25	Sci&Tech	Yes	232	Mkt&HR	202.34	Placed	1,200,000
M	294.76	Others	302.5	Others	Commerce	278.5	Comm&Mgmt	Yes	290.14	Mkt&Fin	257.46	Placed	1,175,000
F	311.84	Others	296.83	Others	Commerce	299.2	Comm&Mgmt	Yes	305.24	Mkt&Fin	274.88	Placed	1,110,000
F	297.16	Central	305.5	Central	Commerce	260.35	Comm&Mgmt	No	266.04	Mkt&Fin	264.79	Placed	1,038,000
F	260	Central	294.5	Central	Commerce	284.4	Comm&Mgmt	No	231.89	Mkt&HR	246.01	Placed	1,038,000
F	237.96	Others	245	Others	Commerce	234	Comm&Mgmt	No	259.15	Mkt&Fin	200.17	Placed	973,000
F	150.44	Central	189	Others	Commerce	151	Comm&Mgmt	Yes	183	Mkt&Fin	137.94	Placed	900,000
M	203	Others	189	Others	Commerce	197	Comm&Mgmt	Yes	197.4	Mkt&HR	162.57	Placed	780,000
M	234.33	Central	201.33	Others	Science	220.91	Sci&Tech	Yes	201.5	Mkt&Fin	189.57	Placed	760,000
F	238.4	Others	185	Others	Science	213.24	Sci&Tech	Yes	258	Mkt&Fin	203.59	Placed	760,000
M	187.4	Central	197.6	Others	Science	200	Comm&Mgmt	No	209.7	Mkt&HR	162.86	Placed	703,000