In [33]:
```
# Create a list of word
text=("Python Python Python Matplotlib Matplotlib Seaborn Network Plot Violin Chart Pandas Datascience Wordcloud Spic
```

In [34]:
```
text
```

Out[34]:
```
'Python Python Python Matplotlib Matplotlib Seaborn Network Plot Violin Chart Pandas Datascience Wordcloud Spider Ra
dar Parrallel Alpha Color Brewer Density Scatter Barplot Barplot Boxplot Violinplot Treemap Stacked Area Chart Chart
Visualization Dataviz Donut Pie Time-Series Wordcloud Wordcloud Sankey Bubble'
```

In [35]:
```
pip install wordcloud
```

```
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: wordcloud in c:\users\rachana jena\appdata\roaming\python\python312\site-packages (1.
9.3)
Requirement already satisfied: numpy>=1.6.1 in c:\programdata\anaconda3\lib\site-packages (from wordcloud) (1.26.4)
Requirement already satisfied: pillow in c:\programdata\anaconda3\lib\site-packages (from wordcloud) (10.3.0)
Requirement already satisfied: matplotlib in c:\programdata\anaconda3\lib\site-packages (from wordcloud) (3.8.4)
Requirement already satisfied: contourpy>=1.0.1 in c:\programdata\anaconda3\lib\site-packages (from matplotlib->wordc
loud) (1.2.0)
Requirement already satisfied: cycler>=0.10 in c:\programdata\anaconda3\lib\site-packages (from matplotlib->wordclou
d) (0.11.0)
Requirement already satisfied: fonttools>=4.22.0 in c:\programdata\anaconda3\lib\site-packages (from matplotlib->word
cloud) (4.51.0)
Requirement already satisfied: kiwisolver>=1.3.1 in c:\programdata\anaconda3\lib\site-packages (from matplotlib->word
cloud) (1.4.4)
Requirement already satisfied: packaging>=20.0 in c:\programdata\anaconda3\lib\site-packages (from matplotlib->wordcl
oud) (23.2)
Requirement already satisfied: pyparsing>=2.3.1 in c:\programdata\anaconda3\lib\site-packages (from matplotlib->wordc
loud) (3.0.9)
Requirement already satisfied: python-dateutil>=2.7 in c:\programdata\anaconda3\lib\site-packages (from matplotlib->w
ordcloud) (2.9.0.post0)
Requirement already satisfied: six>=1.5 in c:\programdata\anaconda3\lib\site-packages (from python-dateutil>=2.7->mat
plotlib->wordcloud) (1.16.0)
Note: you may need to restart the kernel to use updated packages.
```

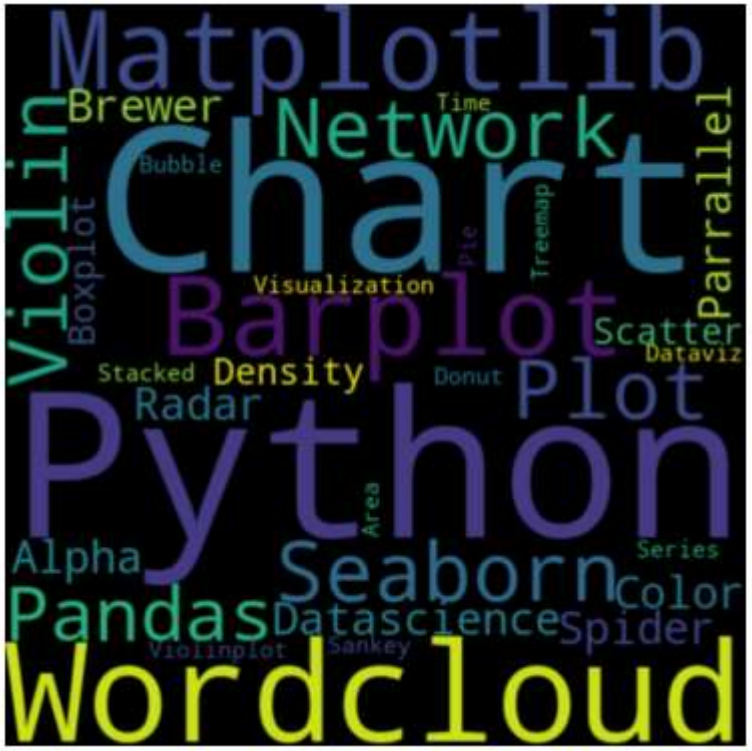
In [36]:
```
text
```

Out[36]:
```
'Python Python Python Matplotlib Matplotlib Seaborn Network Plot Violin Chart Pandas Datascience Wordcloud Spider Ra
dar Parrallel Alpha Color Brewer Density Scatter Barplot Barplot Boxplot Violinplot Treemap Stacked Area Chart Chart
Visualization Dataviz Donut Pie Time-Series Wordcloud Wordcloud Sankey Bubble'
```

In [37]:
```
from wordcloud import WordCloud
import matplotlib.pyplot as plt
```

In [38]:
```
# Create the wordcloud object
wordcloud = WordCloud(width=480, height=480, margin=0).generate(text)
```

In [39]:
```
# Display the generated image:
plt.imshow(wordcloud, interpolation='bicubic')
plt.axis("off")
plt.margins(x=0, y=0)
plt.show()
```



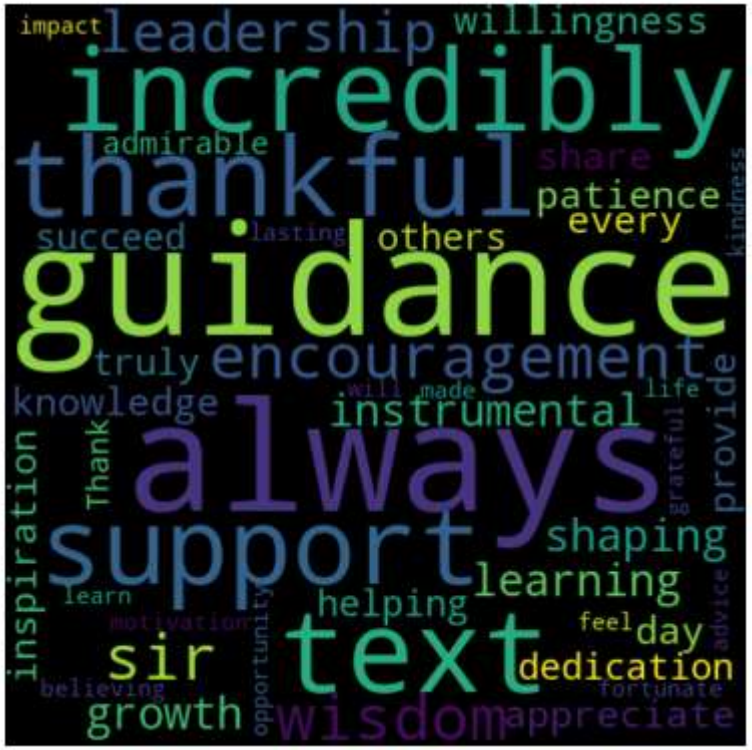
In [40]:
```
text2='''text = """
I am incredibly thankful for your guidance, support, and encouragement, sir. Your wisdom and leadership have been ins
"""
'''
```

In [41]:
```
text2
```

Out[41]:
```
'text = """\nI am incredibly thankful for your guidance, support, and encouragement, sir. Your wisdom and leadership have been instrumental in shaping my growth and learning. I appreciate your patience, your willingness to share know ledge, and the inspiration you provide every day. Your dedication to helping others succeed is truly admirable. Than k you for believing in me and for always being there with advice, kindness, and motivation. I feel fortunate to have had the opportunity to learn under your guidance. You have made a lasting impact on my life, and I will always be gr ateful.\n"""\n'
```

In [42]:
```
wordcloud = WordCloud(width=480, height=480, margin=0).generate(text2)
```

In [43]:
```
# Display the generated image:
plt.imshow(wordcloud, interpolation='bilinear')
plt.axis("off")
plt.margins(x=0, y=0)
plt.show()
```



In [44]:
```
text3='Rachana Jena'
```

In [45]:
```
text3
```

Out[45]:
```
'Rachana Jena'
```

In [46]:
```
wordcloud = WordCloud(width=480, height=480, margin=0).generate(text3)
plt.imshow(wordcloud, interpolation='bilinear')
plt.axis("off")
plt.margins(x=0, y=0)
plt.show()
```

In [ ]: