```
# Program is running...
# Cleaning any previous report fle.
# Opening: iris.csv
# End of file
# Line count: 152 150
Sepal Length (cm)
```

Samples : 150 Maximum : 7.9 Minimum : 4.3 Range : 3.6 Average : 5.84333 Std Dev : 0.8253

Sepal Width (cm) ------

Samples: 150 Maximum : 4.4 Minimum : 2.0 Range : 2.4 Average : 3.054

Petal Length (cm)

Std Dev : 0.43215

Samples : 150 Maximum : 6.9 Minimum : 1.0 Range : 5.9 Average : 3.75867

Std Dev : 1.75853

Petal Width (cm)

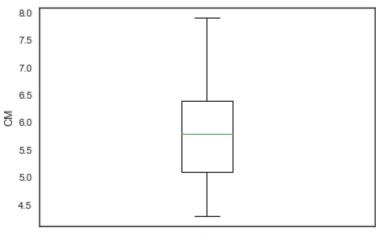
========== Samples: 150 Maximum : 2.5 Minimum : 0.1 Range : 2.4 Average : 1.19867

Std Dev : 0.76061

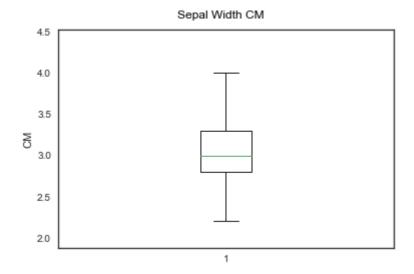
Box Plots

Box plot of Sepal Length CM

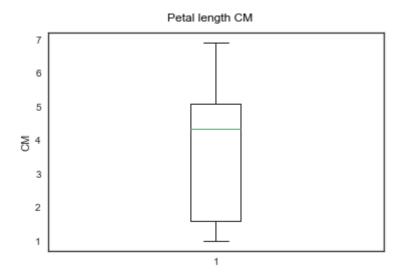
Sepal Length CM



Box plot of Sepal Width CM

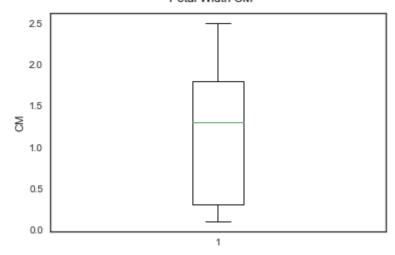


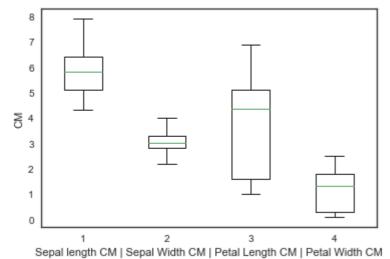
Box plot of Petal length CM



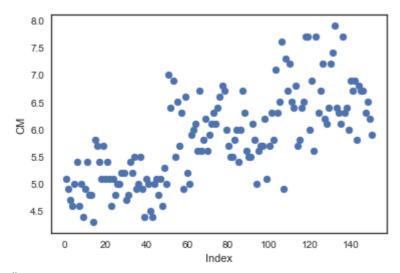
#
Box plot of Petal Width CM



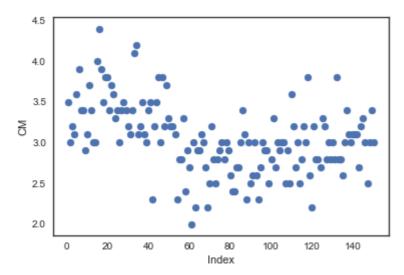




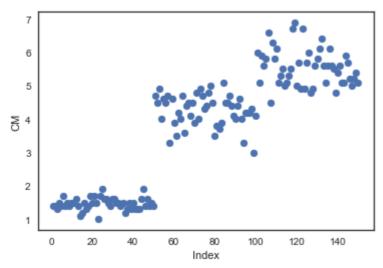
#
Scatter Plots
Scatter plot of Sepal Length CM data.



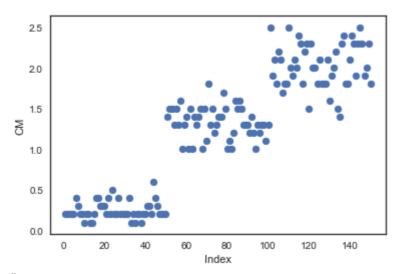
Scatter plot of Sepal Width CM data.



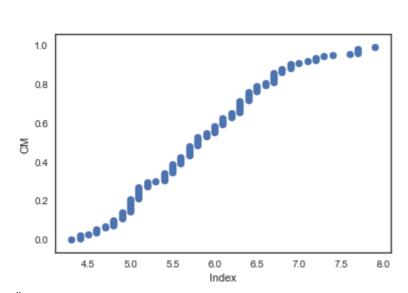
Scatter plot of Petal Length CM data.



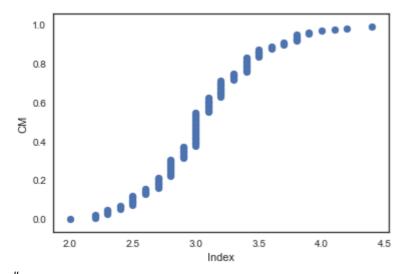
Scatter plot of Petal Width CM data.



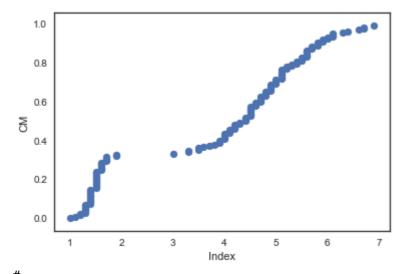
#
Normal Probability Plots
Normal Probability Plot of Sepal Length CM data.



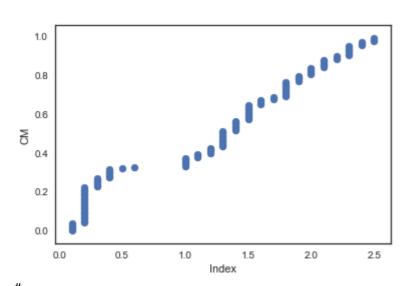
"Normal Probability Plot of Sepal Width CM data.



Normal Probability Plot of Petal Length CM data.



#
Normal Probability Plot of Petal Width CM data.



Program is finished.

In [109]: runfile('C:/DATA/STUDY/STUDY-GMIT/PYTHON-SOURCE/gmit-project--20180423D.py', wdir='C:/DATA/STUDY/STUDY-GMIT/PYTHON-SOURCE')

Program is running...

Cleaning any previous report fle.

Opening: iris.csv

End of file

Line count: 152 150

Sepal Length (cm)

Samples : 150 Maximum : 7.9 Minimum : 4.3 Range : 3.6 Average : 5.84333 Std Dev : 0.8253

Sepal Width (cm)

Maximum : 4.4
Minimum : 2.0
Range : 2.4
Average : 3.054
Std Dev : 0.43215

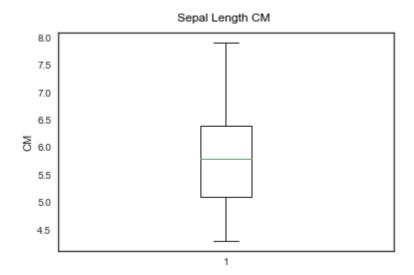
Petal Length (cm)

Samples : 150 Maximum : 6.9 Minimum : 1.0 Range : 5.9 Average : 3.75867 Std Dev : 1.75853

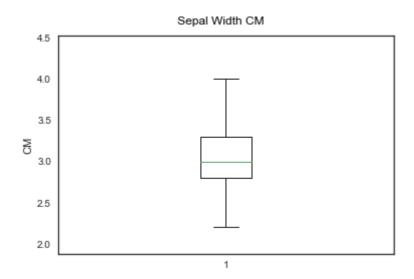
Petal Width (cm)

Samples : 150
Maximum : 2.5
Minimum : 0.1
Range : 2.4
Average : 1.19867
Std Dev : 0.76061

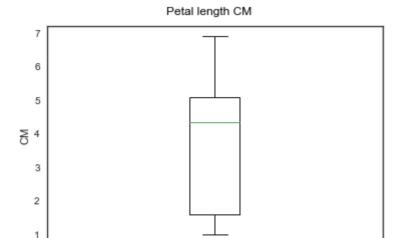
Box Plots Box plot of Sepal Length CM



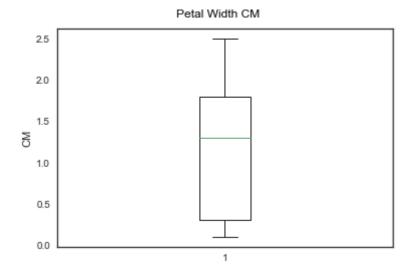
#
Box plot of Sepal Width CM

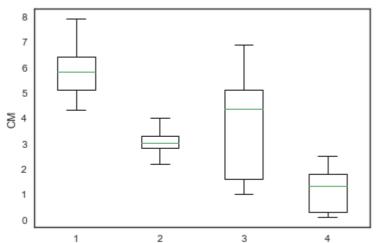


#
Box plot of Petal length CM



Box plot of Petal Width CM

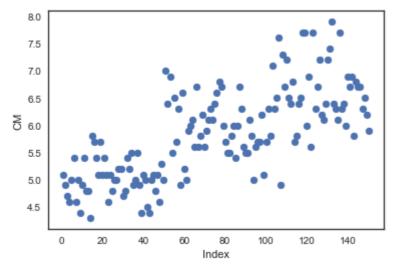




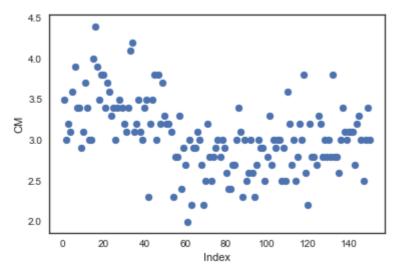
Sepal length CM | Sepal Width CM | Petal Length CM | Petal Width CM

#

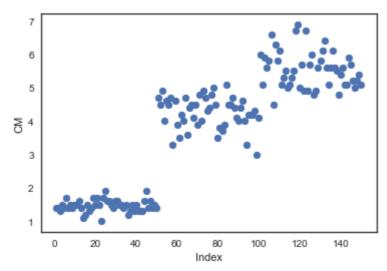
Scatter Plots
Scatter plot of Sepal Length CM data.



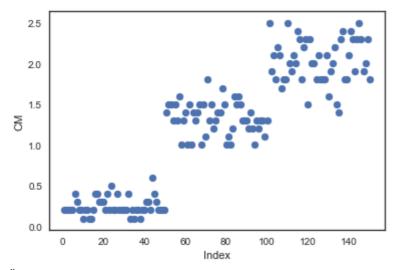
Scatter plot of Sepal Width CM data.



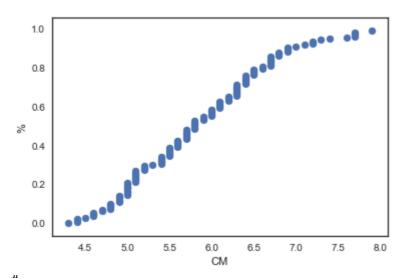
Scatter plot of Petal Length CM data.



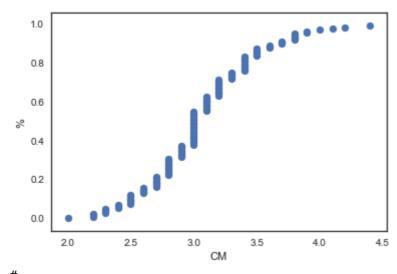
#
Scatter plot of Petal Width CM data.



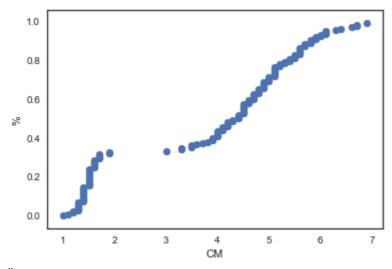
#
Normal Probability Plots
Normal Probability Plot of Sepal Length CM data.



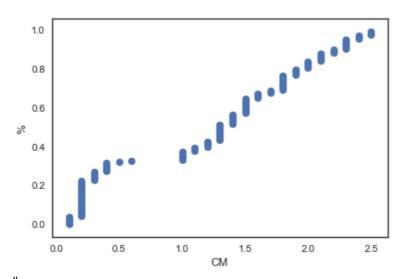
Normal Probability Plot of Sepal Width CM data.



Normal Probability Plot of Petal Length CM data.



Normal Probability Plot of Petal Width CM data.



```
# Program is finished.
```

```
In [110]: runfile('C:/DATA/STUDY/STUDY-GMIT/PYTHON-SOURCE/gmit--
project--20180423D.py', wdir='C:/DATA/STUDY/STUDY-GMIT/PYTHON-SOURCE')
# Program is running...
# Cleaning any previous report fle.
```

Opening: iris.csv

End of file

Line count: 152 150

Sepal Length (cm) _____

Samples : 150 Maximum : 7.9 : 4.3 Minimum : 3.6 Range Average : 5.84333 Std Dev : 0.8253

Sepal Width (cm)

_____ Samples: 150 Maximum : 4.4 : 2.0 Minimum : 2.4 Range Average: 3.054 Std Dev : 0.43215

Petal Length (cm)

Samples : 150 Maximum : 6.9

Minimum : 1.0 Range : 5.9 Average : 3.75867 Std Dev : 1.75853

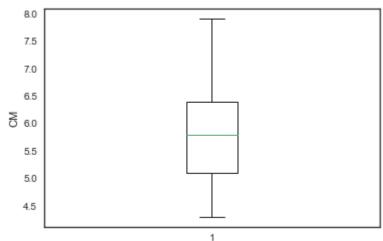
Petal Width (cm)

Samples : 150
Maximum : 2.5
Minimum : 0.1
Range : 2.4
Average : 1.19867
Std Dev : 0.76061

Box Plots

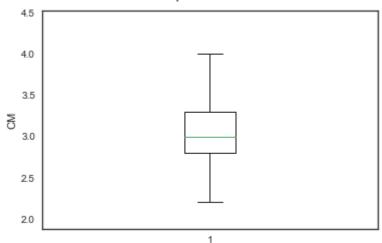
Box plot of Sepal Length CM



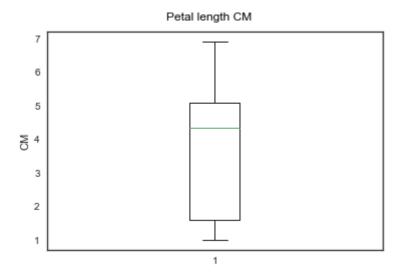


Box plot of Sepal Width CM

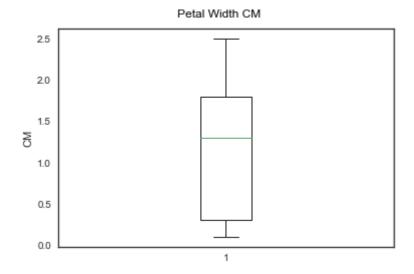
Sepal Width CM



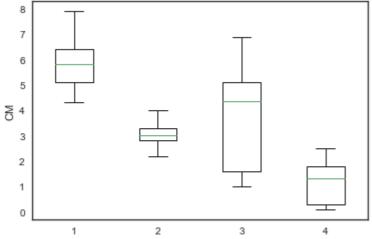
#
Box plot of Petal length CM



#
Box plot of Petal Width CM

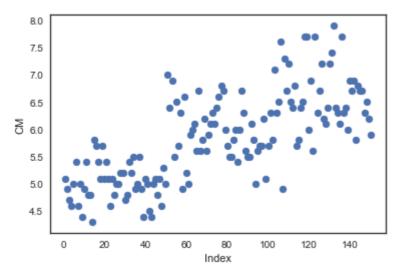


#
Multiple box plot
Multiple Box plot

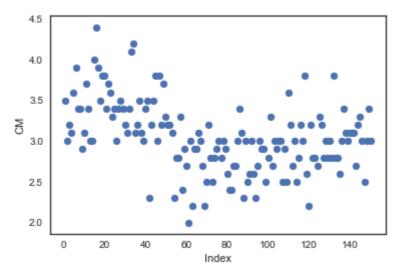


Sepal length CM | Sepal Width CM | Petal Length CM | Petal Width CM

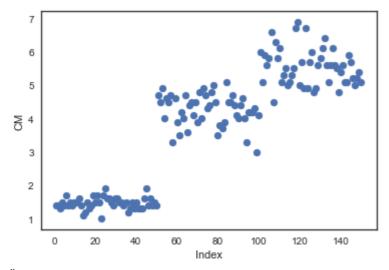
#
Scatter Plots
Scatter plot of Sepal Length CM data.



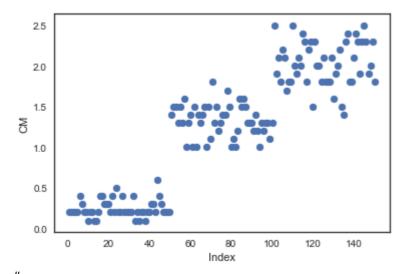
#
Scatter plot of Sepal Width CM data.



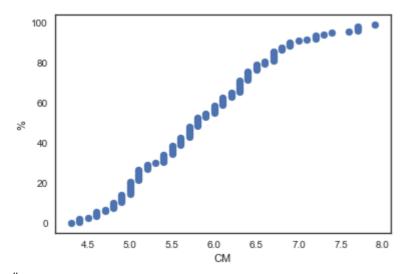
Scatter plot of Petal Length CM data.



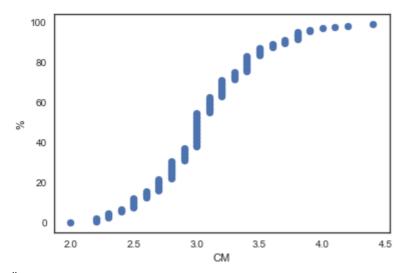
Scatter plot of Petal Width CM data.



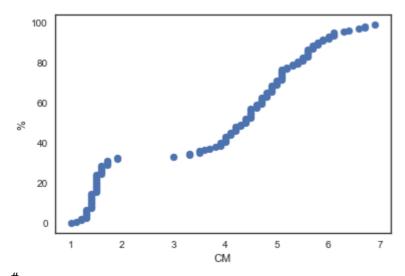
#
Normal Probability Plots
Normal Probability Plot of Sepal Length CM data.



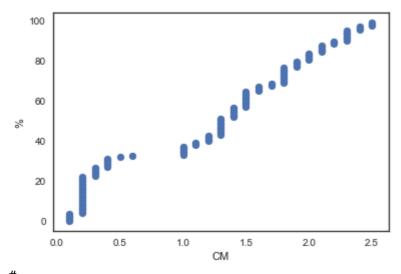
#
Normal Probability Plot of Sepal Width CM data.



#
Normal Probability Plot of Petal Length CM data.



Normal Probability Plot of Petal Width CM data.



#
Program is finished.

In [111]: runfile('C:/DATA/STUDY/STUDY-GMIT/PYTHON-SOURCE/gmit-project--20180423D.py', wdir='C:/DATA/STUDY/STUDY-GMIT/PYTHON-SOURCE')

```
# Program is running...
# Cleaning any previous report fle.
# Opening: iris.csv
# End of file
# Line count: 152 150
Sepal Length (cm)
```

Samples : 150
Maximum : 7.9
Minimum : 4.3
Range : 3.6
Average : 5.84333
Std Dev : 0.8253

Sepal Width (cm)

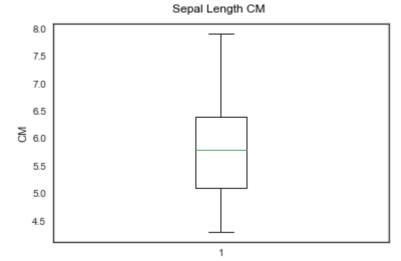
Samples : 150
Maximum : 4.4
Minimum : 2.0
Range : 2.4
Average : 3.054
Std Dev : 0.43215

Petal Length (cm)

Samples : 150
Maximum : 6.9
Minimum : 1.0
Range : 5.9
Average : 3.75867
Std Dev : 1.75853

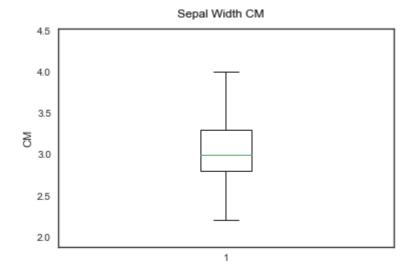
Petal Width (cm)

Box Plots
Box plot of Sepal Length CM

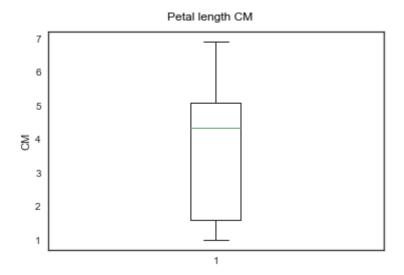


#

Box plot of Sepal Width CM

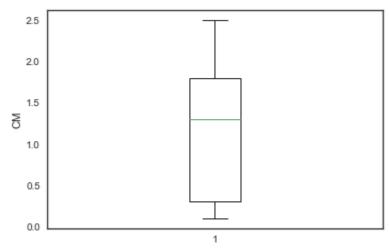


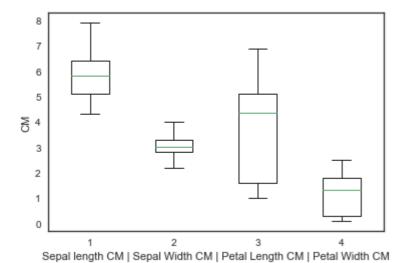
Box plot of Petal length CM



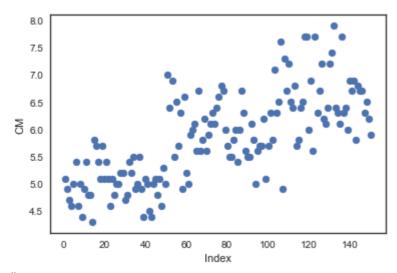
#
Box plot of Petal Width CM



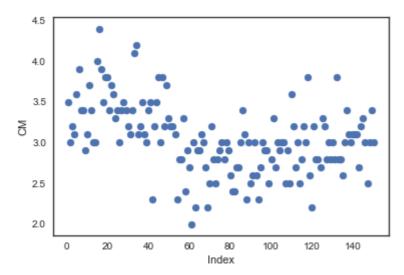




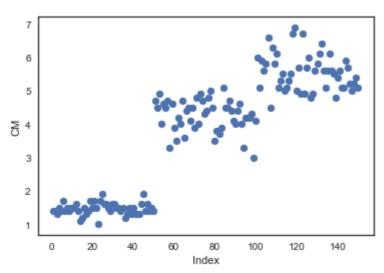
#
Scatter Plots
Scatter plot of Sepal Length CM data.



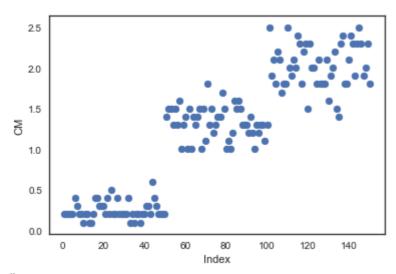
Scatter plot of Sepal Width CM data.



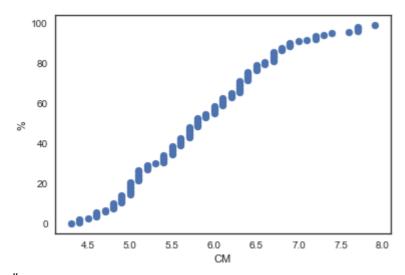
Scatter plot of Petal Length CM data.



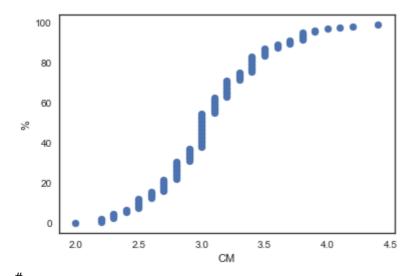
Scatter plot of Petal Width CM data.



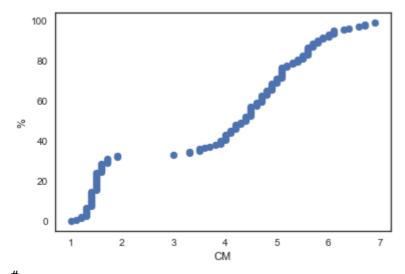
#
Normal Probability Plots
Normal Probability Plot of Sepal Length CM data.



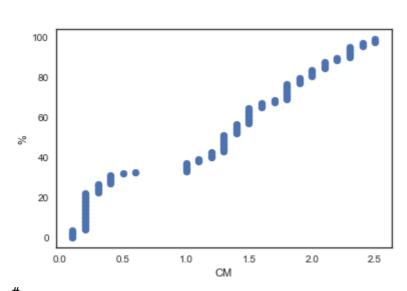
Normal Probability Plot of Sepal Width CM data.



Normal Probability Plot of Petal Length CM data.



#
Normal Probability Plot of Petal Width CM data.



Program is finished.

In [112]: runfile('C:/DATA/STUDY/STUDY-GMIT/PYTHON-SOURCE/gmit-project--20180423D.py', wdir='C:/DATA/STUDY/STUDY-GMIT/PYTHON-SOURCE')

Program is running...

Cleaning any previous report fle.

Opening: iris.csv

End of file

Line count: 152 150

Sepal Length (cm)

Maximum : 7.9 Minimum : 4.3

Range : 3.6 Average : 5.84333 Std Dev : 0.8253

Sepal Width (cm)

Samples : 150
Maximum : 4.4
Minimum : 2.0
Range : 2.4
Average : 3.054
Std Dev : 0.43215

Petal Length (cm)

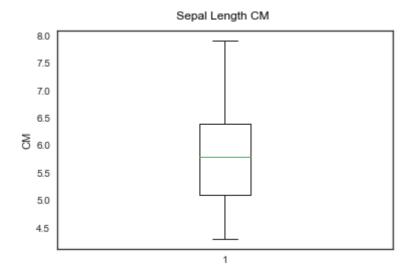
===========

Samples : 150 Maximum : 6.9 Minimum : 1.0 Range : 5.9 Average : 3.75867 Std Dev : 1.75853

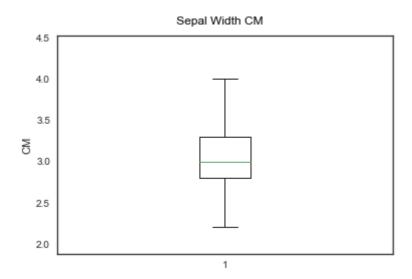
Petal Width (cm)

Samples : 150
Maximum : 2.5
Minimum : 0.1
Range : 2.4
Average : 1.19867
Std Dev : 0.76061

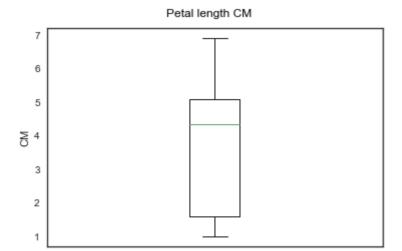
Box Plots Box plot of Sepal Length CM



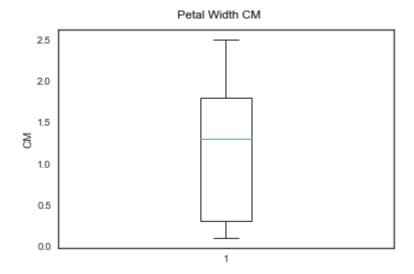
#
Box plot of Sepal Width CM

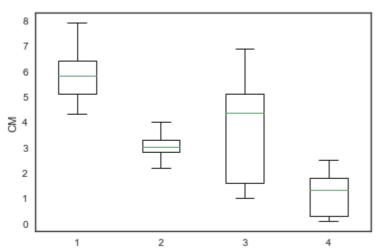


#
Box plot of Petal length CM



Box plot of Petal Width CM

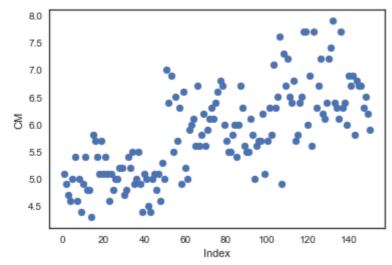




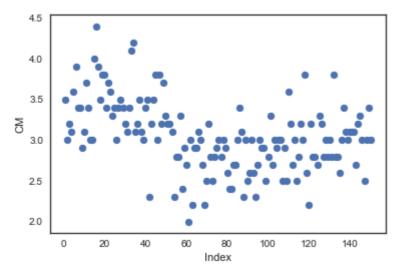
Sepal length CM | Sepal Width CM | Petal Length CM | Petal Width CM

#

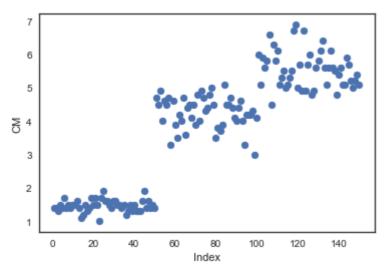
Scatter Plots
Scatter plot of Sepal Length CM data.



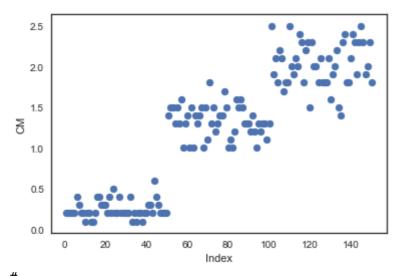
Scatter plot of Sepal Width CM data.



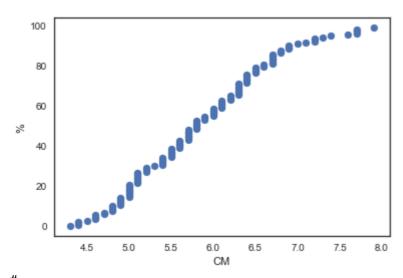
Scatter plot of Petal Length CM data.



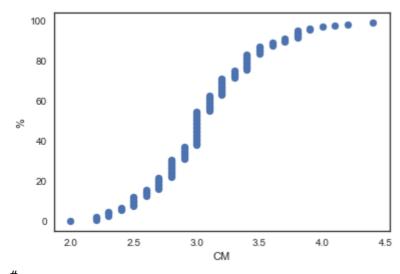
#
Scatter plot of Petal Width CM data.



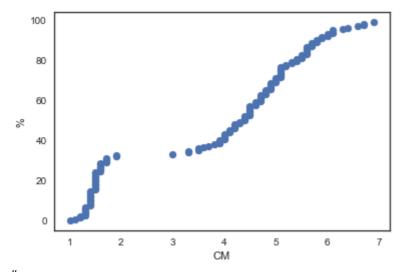
#
Normal Probability Plots
Normal Probability Plot of Sepal Length CM data.



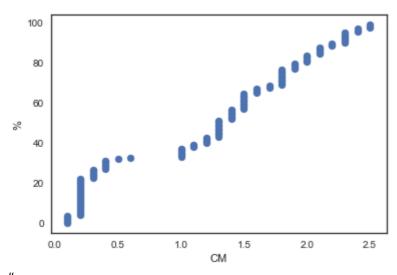
Normal Probability Plot of Sepal Width CM data.



Normal Probability Plot of Petal Length CM data.



Normal Probability Plot of Petal Width CM data.



#
Program is finished.

In [113]: