```
import pandas as pd

file_path = 'IRIS.csv'
df = pd.read_csv(file_path)

results = pd.DataFrame()

newdf = df.select_dtypes(include='number')

results = {}

for i in newdf.columns:
    mean = newdf[i].mean()
    median = newdf[i].median()
    mode = newdf[i].mode()[0] if not newdf[i].mode().empty else None
# Handle empty mode
    min_value = newdf[i].min()  # Define min_value
    max_value = newdf[i].max()
    std_dev = newdf[i].std()
    variance = newdf[i].var()
    percentile_25 = newdf[i].quantile(0.25)
    percentile_50 = newdf[i].quantile(0.50)
    percentile_75 = newdf[i].quantile(0.75)

    results[i] = [mean, median, mode, min_value, max_value, std_dev,
variance, percentile_25, percentile_50, percentile_75]

results_df = pd.DataFrame(results, index=['Mean', 'Median', 'Mode',
'Min', 'Max', 'Standard Deviation', 'Variance', '25%', '50%', '75%'])

print(results_df)
```

```
                    sepal_length  sepal_width  petal_length
petal_width
Mean                    5.843333     3.054000      3.758667
1.198667
Median                  5.800000     3.000000      4.350000
1.300000
Mode                    5.000000     3.000000      1.500000
0.200000
Min                     4.300000     2.000000      1.000000
0.100000
Max                     7.900000     4.400000      6.900000
2.500000
Standard Deviation      0.828066     0.433594      1.764420
0.763161
Variance                0.685694     0.188004      3.113179
0.582414
25%                     5.100000     2.800000      1.600000
```

```
0.300000
50%                     5.800000     3.000000      4.350000
1.300000
75%                     6.400000     3.300000      5.100000
1.800000
```