Program :-

```
import math
freq_table = {
    '0-10': 5,
    '10-20': 10,
    '20-30': 20,
    '30-40': 40,
    '40-50': 30,
    '50-60': 20,
    '60-70': 10,
    '70-80': 5
}

total = 0
num_observations = sum(freq_table.values())

for key, value in freq_table.items():
    class_midpoint = (int(key.split('-')[0]) + int(key.split('-')[1])) / 2
    total += class_midpoint * value

mean = total / num_observations

deviations_squared = []
for key, value in freq_table.items():
    class_midpoint = (int(key.split('-')[0]) + int(key.split('-')[1])) / 2
    deviation = class_midpoint - mean
    deviation_squared = deviation ** 2
    deviations_squared.append(deviation_squared * value)

variance = sum(deviations_squared) / num_observations

std_dev = math.sqrt(variance)
cv = (std_dev / mean) * 100

print(f"Mean: {mean}")
print(f"Variance: {variance}")
print(f"Standard deviation: {std_dev}")
print(f"Coefficient of variation: {cv}%")
```

Output :-

```
Mean: 39.642857142857146
Variance: 253.4438775510204
Standard deviation: 15.91992077715905
Coefficient of variation: 40.15835871715796%
```