Write a Pandas program to split the following dataframe by school code and get mean, min, and max value of age for each school. Also generate a horizontal bar chart based on the result and explain the conclusion.

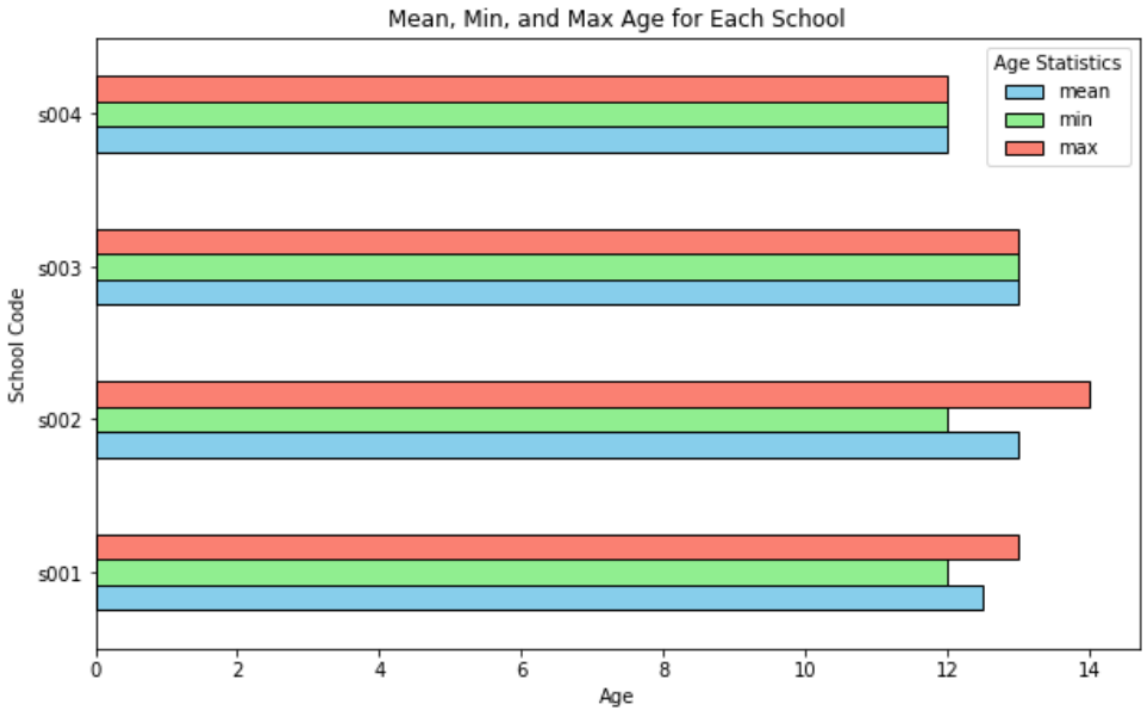
```
import pandas as pd
import matplotlib.pyplot as plt

# Creating the DataFrame
student_data = pd.DataFrame({
   'school_code': ['s001', 's002', 's003', 's001', 's002', 's004'],
   'class': ['V', 'V', 'VI', 'VI', 'V', 'VI'],
   'name': ['Alberto Franco', 'Gino Mcneill', 'Ryan Parkes', 'Eesha Hinton', 'Gino Mcneill', 'David Parkes'],
   'age': [12, 12, 13, 13, 14, 12],
   'height': [173, 192, 186, 167, 151, 159],
   'weight': [35, 32, 33, 30, 31, 32],
   'address': ['street1', 'street2', 'street3', 'street1', 'street2', 'street4']
})

# Grouping the data by 'school_code' and calculating mean, min, and max of 'age'
age_stats = student_data.groupby('school_code')['age'].agg(['mean', 'min', 'max'])

# Displaying the result
print("Mean, Min, and Max age for each school:")
print(age_stats)

# Plotting the results in a horizontal bar chart
```

```
age_stats.plot(kind='barh', figsize=(10, 6), color=['skyblue', 'lightgreen', 'salmon'], edgecolor='black')

plt.title('Mean, Min, and Max Age for Each School')

plt.xlabel('Age')

plt.ylabel('School Code')

plt.legend(title='Age Statistics', loc='best')

plt.show()
```

Output=>

Mean, Min, and Max age for each school:

school_code	mean	min	max
s001	12.5	12	13
s002	13.0	12	14
s003	13.0	13	13
s004	12.0	12	12


Mean, Min, and Max Age for Each School
Age Statistics
mean
min
max
School Code
s004
s003
s002
s001
0
2
4
6
8
10
12
14
Age