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163 lines (163 loc) · 4.71 KB

Preview

Code

Blame

Raw



```
In [1]: import pandas as pd
#Empty DataFrame
df=pd.DataFrame()
print(df)
```

Empty DataFrame  
Columns: []  
Index: []

```
In [5]: emp=pd.Series(['Parker','John','Smith','William'])
id=pd.Series([102, 107, 109, 114])
frame={'Emp':emp,'Id':id}
result=pd.DataFrame(frame)
print("\nSeries to DataFrame\n")
print(result)
```

Series to DataFrame

	Emp	Id
0	Parker	102
1	John	107
2	Smith	109
3	William	114

```
In [7]: print("\nAdding new column:\n")
result['Age']=pd.Series([35,24,40,38])
print(result)
```

Adding new column:

	Emp	Id	Age
0	Parker	102	35
1	John	107	24
2	Smith	109	40
3	William	114	38

```
In [8]: print("\nDeleting one column:\n")
del result['Age']
print(result)
```

Deleting one column:

	Emp	Id
0	Parker	102
1	John	107
2	Smith	109
3	William	114

```
In [9]: print("\nExtracting the third row:\n")
print(result.loc[2])
```

Extracting the third row:

Emp	Smith
Id	109

Name: 2, dtype: object

```
In [10]: print("\nslice rows:\n",result[1:3])
```

```
slice rows:  
      Emp  Id  
1   John 107  
2   Smith 109
```

```
In [13]: d2=pd.DataFrame([[ 'Dale', 123], [ 'Mark', 143]], columns=[ 'Emp', 'Id'])  
print("\nAdding new row values:\n",pd.concat([result, d2]))
```

Adding new row values:

```
      Emp  Id  
0   Parker 102  
1     John 107  
2     Smith 109  
3   William 114  
0     Dale 123  
1     Mark 143
```

```
In [14]: print("\nDeleting particular row:\n",result.drop(1))
```

Deleting particular row:

```
      Emp  Id  
0   Parker 102  
2     Smith 109  
3   William 114
```

```
In [ ]:
```