```python
In [1]: from pyspark.sql import SparkSession
        import pyspark.sql.functions as F
        from pyspark.sql.types import *

        spark = SparkSession\
            .builder\
            .appName("chapter-04-overview")\
            .getOrCreate()
```

```python
In [ ]: df = spark.range(500).toDF("number")
```

```python
In [11]: type(df)
```

```
Out[11]: pyspark.sql.dataframe.DataFrame
```

```python
In [4]: df.select(df["number"] + 10).show(5)
```

```
+-------------+
|(number + 10)|
+-------------+
|           10|
|           11|
|           12|
|           13|
|           14|
+-------------+
only showing top 5 rows
```

```python
In [5]: df.selectExpr("number + 10").show(5)
```

```
+-------------+
|(number + 10)|
+-------------+
|           10|
|           11|
|           12|
|           13|
|           14|
+-------------+
only showing top 5 rows
```

In [6]:
```python
df.select(F.col("number") + 10).show(5)
```

```
+-------------+
|(number + 10)|
+-------------+
|           10|
|           11|
|           12|
|           13|
|           14|
+-------------+
only showing top 5 rows
```

In [7]:
```python
spark.range(2).collect()
```

Out[7]: `[Row(id=0), Row(id=1)]`

In [8]:
```python
from pyspark.sql.types import *
b = ByteType()
```

In [10]:
```python
type(b)
```

Out[10]: `pyspark.sql.types.ByteType`

In [ ]: