```python
# Databricks notebook source

import pyspark
from pyspark.sql import SparkSession
from pyspark.sql.functions import explode, flatten


spark = SparkSession.builder.appName('pyspark-by-examples').getOrCreate()

arrayArrayData = [
    ("James",[["Java","Scala","C++"],["Spark","Java"]]),
    ("Michael",[["Spark","Java","C++"],["Spark","Java"]]),
    ("Robert",[["CSharp","VB"],["Spark","Python"]])
]

df = spark.createDataFrame(data=arrayArrayData, schema = ['name','subjects'])
df.printSchema()
df.show(truncate=False)

""" """
df.select(df.name,explode(df.subjects)).show(truncate=False)

""" creates a single array from an array of arrays. """
df.select(df.name,flatten(df.subjects)).show(truncate=False)

"""END"""

# COMMAND ----------
```