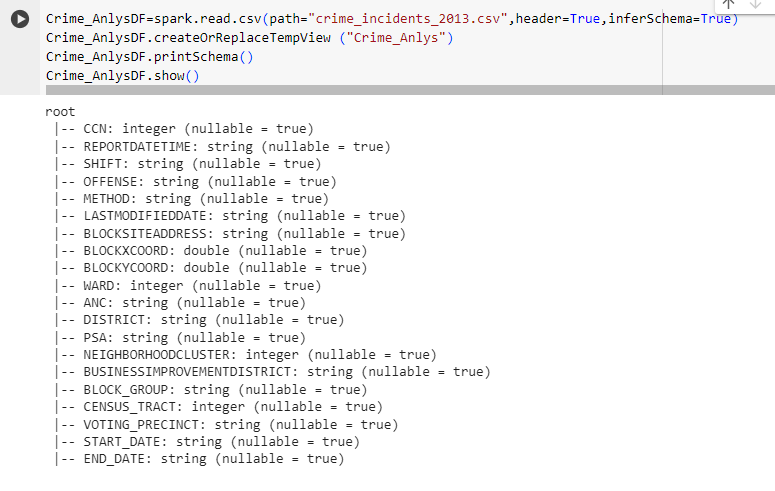
**Crime Data Analysis**

**Dataset: crime\_incidents\_2013.csv**

Step 1: Loading data into Dataframe



A table with numbers and letters

Description automatically generated

1. How many offenses were there in 2013?

Distinct Offenses happened in 2013

*>>> spark.sql("SELECT count(distinct OFFENSE) from Crime\_Anlys").show()*

A screenshot of a computer

Description automatically generated

No of Offenses happened in 2013

A white screen with red text

Description automatically generated

1. How many crimes were committed in each offense?

A screenshot of a computer

Description automatically generated

1. How many different methods were used (And their count) in offense “Homicide”

A screen shot of a computer

Description automatically generated

1. Which shift had the maximum crimes?

Evening shift had the maximum crimes.

A screenshot of a computer

Description automatically generated