

Column > Some feature / variable Enderedual detaporist - from pyspark of import spark Sension - spark = Sparksession. builder. applance ("Betics").getor. Creete(). ete spark. read. json ('people-json') df. printschema() -age: long. I attribute means we don't mead () torreckets df. Columns ['age', name'] -> 21 return los dt. descrite() : Un Datafrane [Summary = string, , age = int] df - de, (nde(). show() from pyrjark. sell-types import struckfield, string Type data-schang = [Struct Freld (lage) | list of Structure fields Integer Typec), True) It's ok to be wall. Structfield (! name , string Type () , The) final_struc = struct Type (fields = data-schena) det = spork. red. json ('people. json', schenaz finel-strul) de . print Schemel) (1 |-- age : Puteyer. name: string

may be the start of

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type (f (age)) M. pyspark: Sil. column Column dt. select ('age') y patrofrome [age:int]. -> 20 setus
object di pelect ('age'). show() 11 age france databrans dt. head (2) [0] of now (age 2 plane, name- Tony) df. Select (C'ag c' !name!) I multiple columns. of with Column C'newage! of Elge M Creating new Column 20 10 Ruly 20 d&['age']*2). Slov() df. with Column Renamed ('age', my new-age'). show () df. create Or Replace Temp View (people 1) (Registered as Sel Temp results = Spark-sel (reselect of From purple "). now-results a spank. Sel ("celent & from people where age 230") new-results. show () // angelance (" f - g - o) (3 - i E . 18 : alog - g - or (Seas (Sear) 202 3) (pro) - let from

dt = spark read csv (appl-stock esv!, inferselama = True, blander = ne) of- head (3) Il tirt three rows 1.

df. head (3) Il tirt three rows 1.

down have.

df. filter (" More 2500"). show () - df-filter ("(lose 200"). splect (['open', 'close']) -show() Mit gives the column of opens dose where close esserdt. Allter (df [cbce:], 200) · slow() dt. filter (dt ['wose'] 220 0) (df ['open'] >200)). show() MINITE Filter (df [Low]== 197). (Menor) collect () It returns a list of LOM = METHET LO J. (yow as lict () 11 converts list to dict YON-asDict()['volume'] . . homen and amedo) groupby & Aggregate operations? Column name - df. agg (& Soles : sum! 3). show I souls led (max inin) group-late : It groupby ("Lompany") group-deta (. agg (& 'sdes', max')). Show () of George of Mall e from pysters sel. functions import contributions, and, attles df- solect (art) ('sules')). show () [[Tong(soles) (Average-leles)) drorder By (df ['sales']. dec(1), show () ? Percular order dfrorder By (Males 4). Show () -, Ascending order thresh = 2 (moons, if no has 2 will walnes, then drop that row) Hodrophe () df. na. drop (). shou() d.f-nadrop (how= 'all') - Show ()

(By default it set as 'any) and Ff you has any well rabine they dt-na-drop (subset = ['sales']), show () ¿f.na.fill ('FZLL VALUE'). show() 21 fills in string type - df-na-fill (!N: Minne", subset=["Name"]). show]. = /24 name has mull wake, they gao were is fitted) -from pyspark . Sel. Furtimes Emport day of month, hour, day of year, noth, date format · of Select (day of with (Af ['parci])) . 8 how () -df-with Column ("year", year (df ['pate'])). show () how of grouply "year". mean (). show () select (" Year", " any (close))