NOSL { « Website » « « Amazon » , Data . json Data Processing « amount »; 500000 } < Key : Value > « location" Through PIG er Calcifornia

filter Data = FOREACH enitial Data GENERATE Website, location, enetial Data = LOAD & home/gopal krishna/ Isonscript . pig JsonLoader ('website: charaonay, location: charavay, rating: Ent, amount: ent), (same path pegsenpt) /Batch89/PIGPRAC/

sorted Data = ORDER filter Data s elected Data filter Data selected Bata INTO EJSONSORT - DATA 89. = FILTER initial Data By rating > 15 5 INTO ETSONSEL-BATA89. "JSONFIL - DATA89"

STORE to refer any jan tile defined in Json support.

STORE

Co Keys Not Keys, no change en case. be same

NOTE

1 PIGPRAC & Pig -x local JSONSCRIPTO PCZ

ولاً Inorder o perations SPECIAL to comprovese JOINS below Z are the different in PIG different joins available

9 replicated join

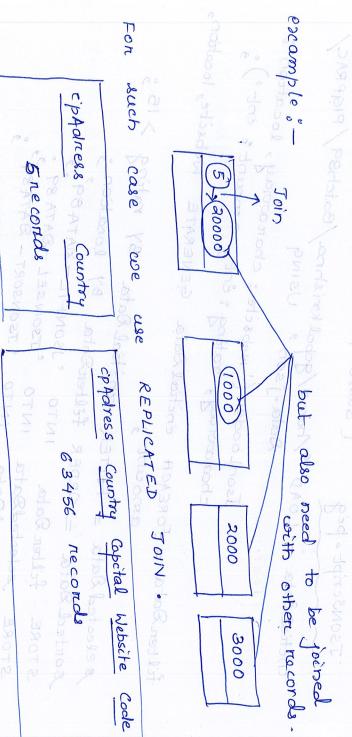
merge join

Note: skewed Menge +1. the Mappen phase. join and Replicated Jochs ane included

skewed joins are included 3 Reducen phase.

example: part-m-00000 Replicated join 5 records (Id: int) Let's say o Records (Id: cht)

suffers from penformance problem. cas perform the join, but the join operation



3. Embedded Mode 05 PIG

0 Steps for using PIG Sevelop a class UDFs :extending from the base class of

Evalfunc (string) The package need to be imported es as below: ont. apache. pit. EvalFunc

must

- 6) We need to To write public string exec (Taple input) throws IDException below method : our own add required Pig customizable logic es e
- C build path and créate our own logic with Hadoop buschess lobic, which environment needs to be exported to the

Refer sing & rebister the reprister Keyword pc8 Same scorpt. statement should jan file in the 00 model o 5 first line pes tile

** "ZD**

6th March 2018 Example :> Use case 1 tabseparated) 10101 Network Related Issue Sanjose columns 10201 | Router Related | Rose City | 2012-12-09 09:10: CISCO PIG Data log file UDFS (cont. ..) 2011-11-10 ciscodata.log 01,010,00

11 AI REGISTER criscold scapt big FOREACH LOAD LOAD 'ciscopata.log' USING Pigstorage ("1") As (Logid: charassay); /home/gopalkmishna/Batch88/pigARAC/pig-concAT.jar 4 GENERATE togical, com. peg. concateuscase. logloc

STORE 8 OTNI cacolly our 89°

concut (codessos)

pc6 1 × local ecisco UafScript. pcg

00 Use case و و EpochTime

19 2456889 yyyy 1970 -10-12 MM DD HH

Epoch Sempt. pcg

chixata = Convert Data = REGISTER LOAD home , Com. pig. epochuse case. EPOCH (time Data) (time Data /gopalknishna/batch88/PIGPAAC/PIG-EPOCH-jax; FOREACH epochtime Data. Log enelata " charavay GENERATE

STORE Lonvert-Data, INTO EPOCHOUT89". TADMOS - PIG - POMON BOMENSS / PIGAMOS - COMONT. peganoj-x local brotzerod : character Sona-pig DARGE 19 88 dated bourds by Sonot & RATZIBER redessor : crossors of Epochscript. pcg Example: > (For reported) 10,01 THE WEND **