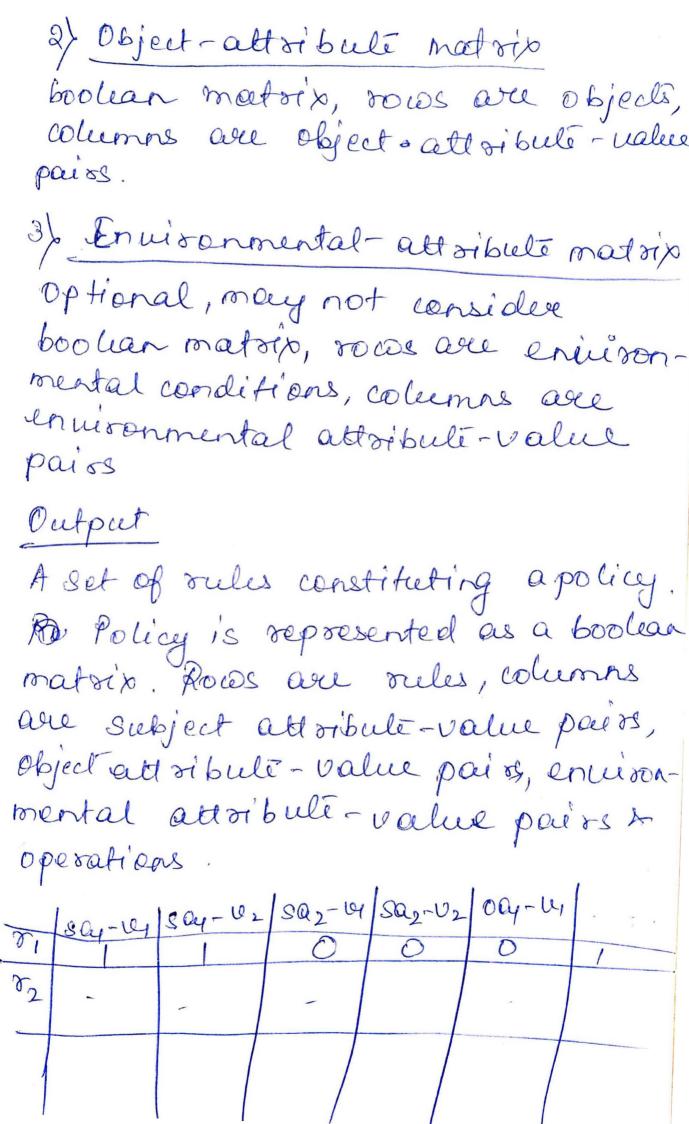
HBAC policy mining Input! 1) Subject attribule matrix-can Consider this as a non-boolean matrip, but for sake of simplicity better to consider as a boolean matrix. 8a-1, 8a, -12 8a, -14. rows are Subjects, columns are Subject attribute-value poirs. Let eg be a subject-attoibuli and Delet it have values of, 12 and U3. So in the matrix, there will be 3 columns -89-14, Say-12, Say-13 Girnilarly, there to will be other columns for more duch paid.



So each rule is interpreted as it as subject has some values for Some attribules and an object has Some values for some attributes ar some environmental conditions have some natures, then some op rations are allowed to be performe by the subject on the object. eg eg a subject is a Professor, then she can access the answer scripts of students. SA= S designation, department à subject out oit bute set, department à OA = { assignments, answer scripts}
object-attribute seljdusign-TA design-Prof dupt-CS dupt-ECE assign-c Here, possible values of designation attribute is TA and Proffessor. Possible values of department is 28 and ECE. Possible values of resignment - online à offline (types). essible values of answer scripts

Here, en visorment conditions are not considered. Operations are also access operations are considered. If operations are like read, edit delete, add, etc., then each type of operation has to be shown as a matrix coluent. (may refer to Sadhana's paper for a better example) line assign-offline ans-midsen ans-compre