

- List the tables you would create
dimTest
dimRecruiter
dimCompany
dimJobs
dimDate
dimApplicant
factApplication
- Identify the type of data model - dimensional or hybrid dimensional
Dimensional model using star schema
- Identify the type of each table (fact, dimension, bridge, etc.)
fact table: factApplication
role play dimension: dimDate
bridge table: dimCompany
dimension: dimApplicant, dimTest, dimJobs
- List key attributes (a small subset is enough such as 4-10 columns)
key attributes in factApplication: applicationStatus
key attributes in dimApplicant: documentLink, coverLetter
key attributes in dimTest: score, jobID
- Specify the primary key(s) of each table
dimTest: testID
dimRecruiter: recruiterSK
dimCompany: companySK
dimJobs: jobID
dimDate: dateSK
dimApplicant: applicantSK
factApplication: applicationID
- Specify applicable foreign keys
factApplication: testID, jobID, applicantID, applicationDate, dateSK, recruiterSK
- Specify any other type of keys that are applicable
Candidate Key in factApplication: testID, applicantID, jobID
- Indicate which attribute would be not nullable
all primary keys, fact table attributes, applicationStatus, applicationTime

- Create a visual model ER Studio

