

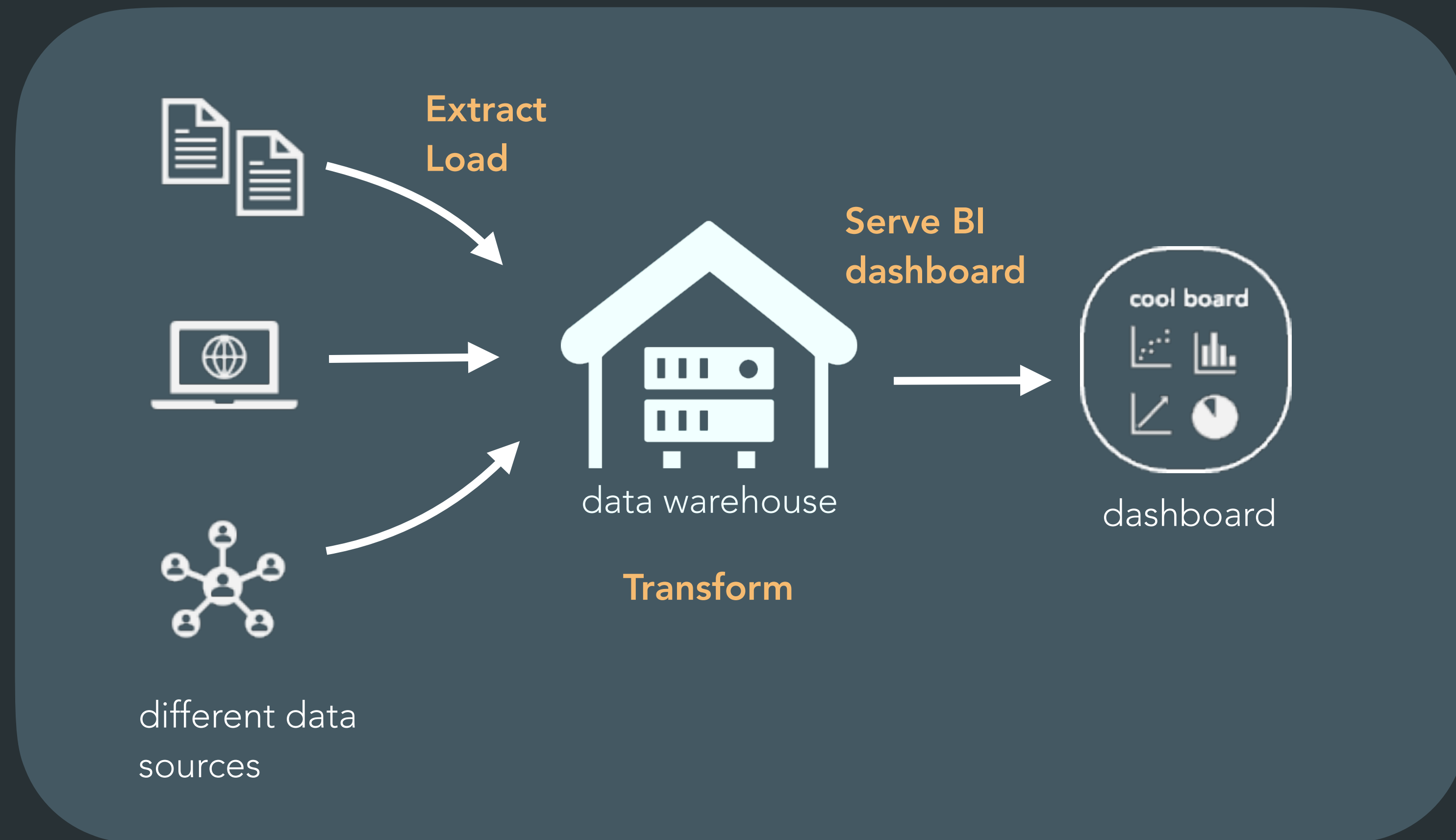
kokchun giang

join facts with  
dimensions to  
efficiently serve the  
data downstream in  
**data marts**





remember the **data pipeline** in this course



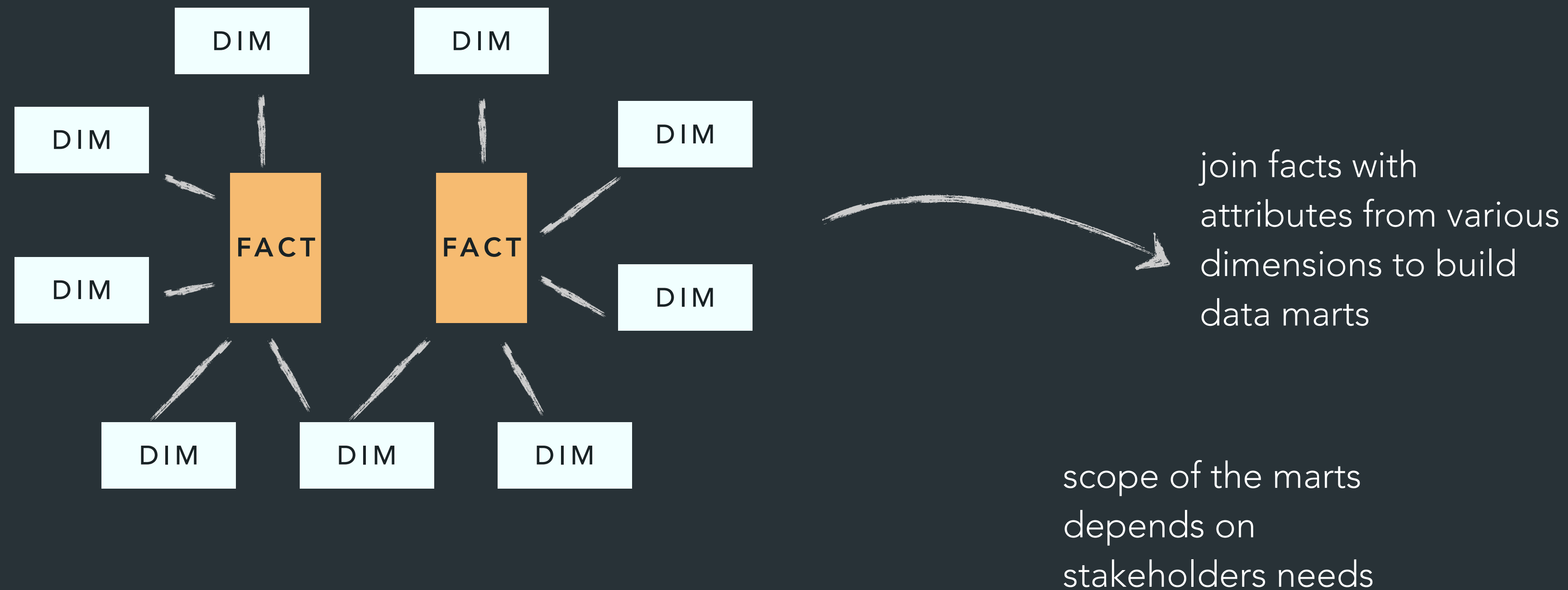
we'll now focus on **data warehouse** part



more specifically **mart layer**



**data marts** as subsets of the data  
warehouse to serve specific business areas



# data mart example of job ads listings

```
WITH fct_job_ads AS (  
    SELECT * FROM {{ ref('fct_job_ads') }}  
)  
  
job_details AS (SELECT * FROM {{ ref('dim_job_details') }}),  
  
employer AS (SELECT * FROM {{ ref('dim_employer') }})  
  
SELECT  
    jd.headline,  
    f.vacancies,  
    jd.salary_type,  
    f.relevance,  
    e.employer_name,  
    e.workplace_city,  
    jd.description,  
    jd.description_html_formatted,  
    jd.duration,  
    jd.scope_of_work_min,  
    jd.scope_of_work_max,  
    f.application_deadline  
FROM fct_job_ads AS f  
LEFT JOIN job_details AS jd  
    ON f.job_details_key = jd.job_details_id  
LEFT JOIN employer AS e  
    ON f.employer_key = e.employer_id
```

a BI tool should only  
access the data marts  
layer to build  
dashboard