4. Physical Model Diagram (Star Schema).

DIM_DATE

- Date_skey(PK)
- The_date
- The_year
- The_quarter
- The_month
- The_week
- Day_of_week
- Dat_of_month

DIM_PRINTED_DATE

- printed_date(PK)

DIM_SUBMITTED_DATE

- Submitted_date(PK)

DIM_PROGRAM

- Program_skey(PK)
- Program_code
- Department_code
- Department_name
- Version
- Date_from
- Date_to

DIM_RECOMMENEDER

- Recommender_skey(PK)
- Id
- Recommender_fname
- Recommender_lname

BRIDGE TABLE

- Recommender_skey(PK)
- Applicant_skey(FK)
- Weighting_factor

FACT_ADMISSION

- Applicant_skey(FK)
- Ethnicity_skey(FK)
- Printed_date_skey(FK)
- Submitted_date_skey(FK)
- Program_skey(FK)
- Is_Applied
- Is_Admitted
- Is_Accepted
- Admission_decision
- Num_Email_From_App
- Num_Email_To_App

DIM_APPLICANT

- Applicant_skey
- Applicant_client_id
- Applicant_last_name
- Applicant_first_name
- Applicant_middle_name
- Current_state_province
- Current_country
- Province
- Country _of_citizenship
- Gender
- Admission_decision

DIM_ETHNICITY

- Ethnicity_skey(PK)
- Junk_id
- Ethnicity_Indian
- Ethnicity_asina
- Ethnicity_black
- Ethnicity_hawaiian
- Ethnicity_white
- Ethnicity_hispanic
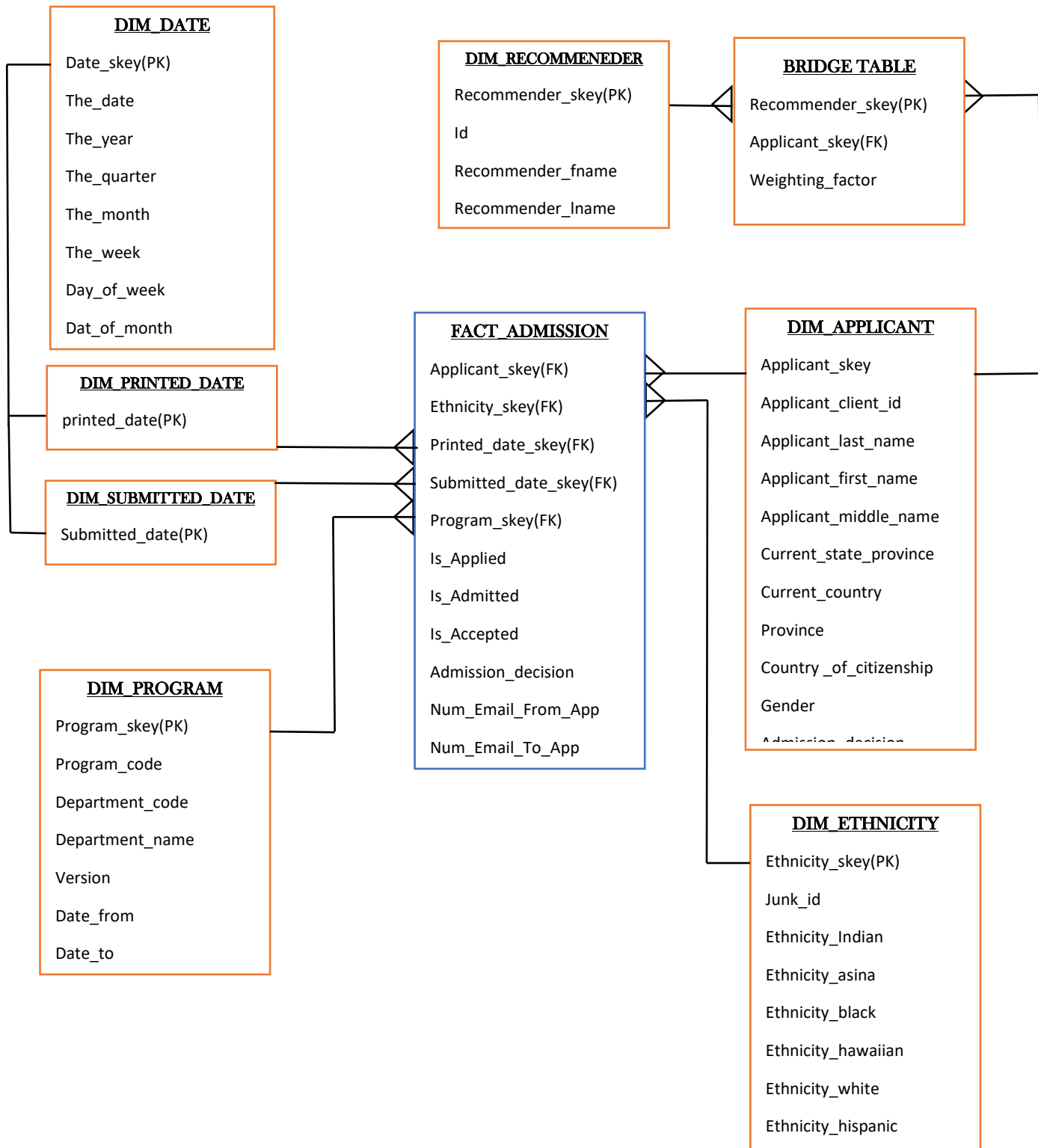
Business Process : **Graduate School Admissions**

Grain of Fact : One row per submitted (completed) application

Applicant_skey	Ethnicity_skey	Printed_date_skey	Submitted_date_skey	Program_skey	Is_applied	Is_admitted	Is_accepted	Mail_app	Mail_sch

Dimensions : **DIM_APPLICANT**

DIM_DATE

DIM_ETHNICITY

DIM_PROGRAM

DIM_RECOMMENDER

DIM_SUBMITTED_DATE

DIM_PRINTED_DATE

Measures : **IS_APPLIED**

IS_ADMITTED

IS_ACCEPTED

NUM_EMAIL_FROM_APP

NUM_EMAIL_TO_APP