Data Modeling Assignment
Logan Correa
u1094034

ER Diagram Tool:
https://drawsql.app/teams/data-wrangling/diagrams/data-modeling-assignment

PERSON ER Diagram:

PERSON	
🔑 **person_id**	int
✳ gender_concept_id	int
year_of_birth	int
month_of_birth	int?
day_of_birth	int?
birth_datetime	datetime?
✳ race_concept_id	int
✳ ethnicity_concept_id	int
✳ location_id	int?
✳ provider_id	int?
✳ care_site_id	int?
person_source_value	varchar(50)?
gender_source_value	varchar(50)?
✳ gender_source_concept_id	int?
race_source_value	varchar(50)?
✳ race_source_concept_id	int?
ethnicity_source_value	varchar(50)?
✳ ethnicity_source_concept_id	int?

ER Diagram:

HEALTH_SYSTEM

🔑 **health_system_id**	int	
❋ care_site_id	int	
❋ provider_id	int	
❋ location_id	int	

VISIT_DETAIL

🔑 **visit_detail_id**	int	

PERSON

🔑 **person_id**	int	
❋ gender_concept_id	int	
year_of_birth	int	
month_of_birth	int?	
day_of_birth	int?	
birth_datetime	datetime?	
❋ race_concept_id	int	
❋ ethnicity_concept_id	int	
❋ location_id	int?	
❋ provider_id	int?	
❋ care_site_id	int?	
person_source_value	varchar(50)?	
gender_source_value	varchar(50)?	
❋ gender_source_concept_id	int?	
race_source_value	varchar(50)?	
❋ race_source_concept_id	int?	
ethnicity_cource_value	varchar(50)?	
❋ ethnicity_source_concept_id	int?	

DRUG_EXPOSURE

🔑 **drug_exposure_id**	int	
person_id	int	
❋ drug_concept_id	int	
drug_exposure_start_date	int	
drug_exposure_start_datetime	datetime?	
drug_exposure_end_date	date	
drug_exposure_end_datetime	datetime?	
verbatim_end_date	date?	
❋ drug_type_concept_id	int	
stop_reason	varchar(50)?	
refills	int?	
quantity	float	
days_supply	int?	
sig	varchar()?	
❋ route_concept_id	int?	
lot_number	varchar(50)?	
❋ provider_id	int?	
❋ visit_occurence_id	int?	
❋ visit_detail_id	int?	
drug_source_value	varchar(50)?	
❋ drug_source_concept_id	int?	
route_source_value	varchar(50)?	
dose_unit_source_value	int?	

VISIT_OCCURRENCE

🔑 **visit_occurence_id**	int	
❋ person_id	int	
❋ visit_concept_id	int	
visit_start_date	date	
visit_start_datetime	datetime?	
visit_end_date	date	
visit_end_datetime	datetime?	
visit_type_concept_id	int	
❋ provider_id	int?	
❋ care_site_id	int?	
visit_source_value	varchar(50)?	
❋ visit_source_concept_id	int?	
❋ admitted_from_concept_id	int?	
admitted_from_source_value	varchar(50)?	
❋ discharged_to_concept_id	int?	
discharged_to_source_value	varchar(50)?	
❋ preceding_visit_occurrence_id	int?	

CONCEPT

🔑 **concept_id**	int	
❋ gender_concept_id	int	
❋ race_concept_id	int	
❋ ethnicity_concept_id	int	
❋ gender_source_concept_id	int?	
❋ race_source_concept_id	int?	
❋ ethnicity_source_concept_id	int?	
❋ drug_concept_id	int	
❋ drug_type_concept_id	int	
❋ route_concept_id	int?	
❋ drug_source_concept_id	int?	
❋ discharged_to_concept_id	int	
❋ admitted_from_concept_id	int	
❋ visit_source_concept_id	int	