

SQL:: MTS_01

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Normalize the below table using the instructions listed below:

- Every attribute has Atomic Value.
- Identify the primary key from the available candidate keys.
- There are no repeating groups.
- Identify the partial dependencies if exist, and eliminate them.
- Identify the transitive dependencies if exist, and eliminate them.

SQL

PET_ID	PET_NAME	PET_TYPE	PET_AGE	OWNER	VISIT_DATE	PROCEDURE#	PROCEDURE_NAME
246	ROVER	DOG	12	SAM COOK	JAN 13/2002	1	RABIES VACCINATION
					MAR 27/2002	10	EXAMINE and TREAT WOUND
					APR 02/2002	5	HEART WORM TEST
298	SPOT	DOG	2	TERRY KIM	JAN 21/2002	8	TETANUS VACCINATION
					MAR 10/2002	5	HEART WORM TEST
341	MORRIS	CAT	4	SAM COOK	JAN 23/2001	1	RABIES VACCINATION
					JAN 13/2002	1	RABIES VACCINATION
519	TWEEDY	BIRD	2	TERRY KIM	APR 30/2002	20	ANNUAL CHECK UP
					APR 30/2002	12	EYE WASH

Draw the Entity relationship diagram.

- Represent the degree (Unary, Binary and Ternary) of relationship existing among tables/entities.
- Represent the cardinalities (1-1, 1-N or N-1, N-N) existing between the tables/entities.
- Represent the primary key from the identified candidate keys.
- Represent the Foreign key if applicable for the table/entity.