

PERSON (P_id)

<u>P_id</u>	FName	L.Name	dob	email	Apt	street	zip	gender
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P_Phn

<u>P_id</u>	<u>Phn #</u>
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CUSTOMER

<u>C_id</u>	<u>P_id</u>	Type of Art
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ARTIST

<u>Ar_id</u>	<u>P_id</u>	No. of Sales	expertise
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STAFF

<u>S_id</u>	<u>P_id</u>
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ORGANIZATION

<u>Org_id</u>	email	Name	Apt	street	zip	phone #
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Org-Type of Art

<u>Org_id</u>	<u>Type of Art</u>
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FEEDBACK

<u>Fb_id</u>	date	type of Art	title	desc
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ART

<u>A_id</u>	<u>Aq_id</u>	type	created date	price	status
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ART_GALLERY

<u>Aq_id</u>	Apt	street	zip
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gives

<u>Org_id</u>	<u>Fb_id</u>	<u>C_id</u>
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buys

<u>A_id</u>	<u>Org_id</u>	<u>C_id</u>
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creates

<u>A_id</u>	<u>Ar_id</u>
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manages

<u>S_id</u>	<u>Aq_id</u>
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① This is for person entity

$P_id \rightarrow \{FName, LName, dob, email, Apt, Street, zip, gender\}$

② This is for customer entity

$C_id \rightarrow \{P_id, type\ of\ Art\}$

$P_id \rightarrow \{C_id, type\ of\ Art\}$

③ This is for Artist entity

$Ar_id \rightarrow \{P_id, No.\ of\ sales, expertise\}$

$P_id \rightarrow \{Ar_id, No.\ of\ sales, expertise\}$

④ This is for Staff entity.

$S_id \rightarrow \{P_id\}$

$P_id \rightarrow \{S_id\}$

⑤ This is for organization entity.

$Org_id \rightarrow \{email, Name, apt, Street, Zip, phone\#\}$

⑥ This is for feedback entity.

Fb_id \rightarrow { date, type of Art, title, desc }

⑦ This is for Art entity

A_id \rightarrow { Ag_id, type, created date, price, status }

⑧ This is for Artgallery entity

Ag_id \rightarrow { Apt, street, Zip }

* Candidate keys:

Person \rightarrow P_id

Customer \rightarrow C_id, P_id

Artist \rightarrow Ar_id, P_id

Staff \rightarrow S_id, P_id

Organisation \rightarrow Org_id

feedback \rightarrow Fb_id

Art \rightarrow A_id

Artgallery \rightarrow Ag_id

Keya Shah - 1002079489

Vami Sheth - 1002064934

Yash Patel - 1002084351