DB_asm2@localhost:27017

Data Dictionary

2021-11-22

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Legend

- 🔑 Primary key
- 🔑 Primary key disabled
- 🔑 User-defined primary key
- 🔑 Unique key
- 🔑 Unique key disabled
- 🔑 User-defined unique key
- ⚡ Active trigger
- ⚡ Disabled trigger
- ⤚ Many to one relation
- ⤚ User-defined many to one relation
- ⤙ One to many relation
- ⤙ User-defined one to many relation
- ⤜ Many to many relation
- ⤜ User-defined many to many relation
- — One to one relation
- — User-defined one to one relation
- ⭲@ Input
- @⭲ Output
- ⭰@ Input/Output
- 🗔 Uses dependency
- 🗔 User-defined uses dependency
- 🗔 Used by dependency
- 🗔 User-defined used by dependency

1. Diagram

user
- 🔑 _id
- age
- race
- gender
- native_country
- education_id
- finance_id
- occupation_id
- relationship_id

occupation
- 🔑 _id
- workclass
- occupation
- hours_per_week

finance
- 🔑 _id
- total
- capital_gain
- capital_loss
- income_bracket

education
- 🔑 _id
- education
- education_num

relationship
- 🔑 _id
- marital_status
- relationship
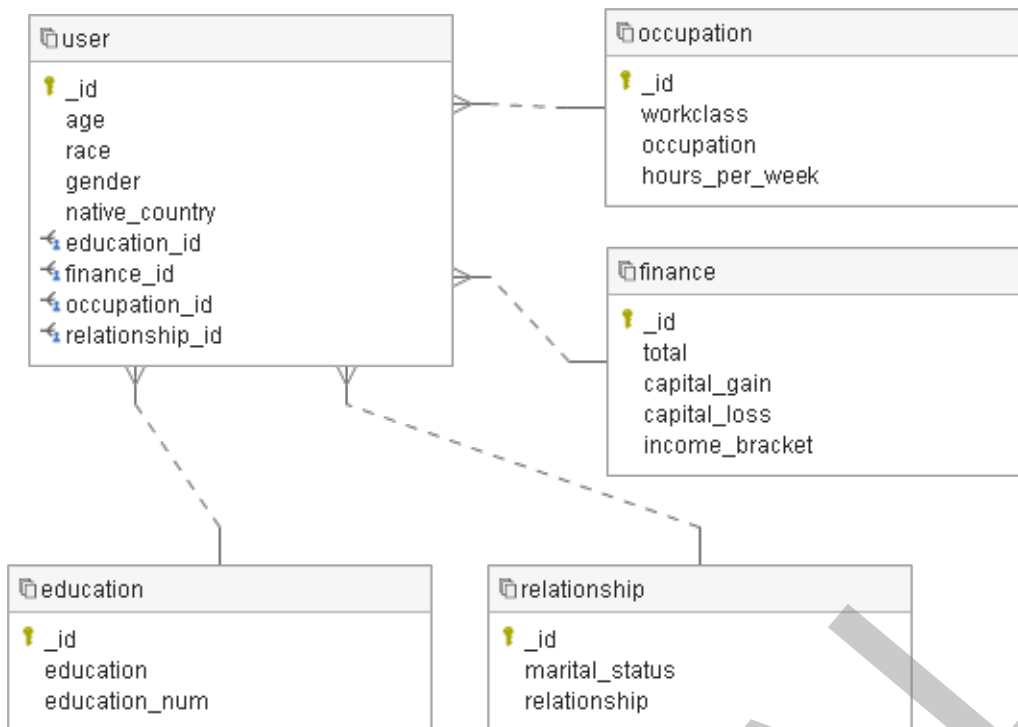
1.1. Tables

1.1.1. Collection: education

Columns

		Name	Data type	Description / Attributes
▭	🔑	_id	Int32	**Nullable**
▭		education	String	**Nullable**
▭		education_num	Int32	**Nullable**

Linked from

	Table	Join	Title / Name / Description
⤙	user	**education**_id = usereducation_id	fk_education_user

Unique keys

	Columns	Name / Description
🔑	_id	_id

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1.1.2. Collection: finance

Columns

		Name	Data type	Description / Attributes
🗌	🔑	_id	Int32	**Nullable**
🗌		total	Int32	**Nullable**
🗌		capital_gain	Int32	**Nullable**
🗌		capital_loss	Int32	**Nullable**
🗌		income_bracket	String	**Nullable**

Linked from

	Table	Join	Title / Name / Description
⊸	user	**finance**_id = userfinance_id	fk_finance_user

Unique keys

	Columns	Name / Description
🔑	_id	_id

1.1.3. Collection: occupation

Columns

		Name	Data type	Description / Attributes
▭	🔑	_id	Int32	**Nullable**
▭		workclass	String	**Nullable**
▭		occupation	String	**Nullable**
▭		hours_per_week	Int32	**Nullable**

Linked from

	Table	Join	Title / Name / Description
⊸	user	**occupation**_id = useroccupation_id	fk_occupation_user

Unique keys

	Columns	Name / Description
🔑	_id	_id

1.1.4. Collection: relationship

Columns

		Name	Data type	Description / Attributes
🔲	🔑	_id	Int32	**Nullable**
🔲		marital_status	String	**Nullable**
🔲		relationship	String	**Nullable**

Linked from

	Table	Join	Title / Name / Description
	user	**relationship**_id = userrelationship_id	fk_relationship_user

Unique keys

	Columns	Name / Description
🔑	_id	_id

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1.1.5. Collection: user

Columns

		Name	Data type	Description / Attributes
🔲	🔑	_id	Int32	**Nullable**
🔲		age	Int32	**Nullable**
🔲		race	String	**Nullable**
🔲		gender	String	**Nullable**
🔲		native_country	String	**Nullable**
🔲		education_id	Int32	**Nullable** **References**: education
🔲		finance_id	Int32	**Nullable** **References**: finance
🔲		occupation_id	Int32	**Nullable** **References**: occupation
🔲		relationship_id	Int32	**Nullable** **References**: relationship

Links to

	Table	Join	Title / Name / Description
⤙	education	**user**education_id = education_id	fk_education_user
⤙	finance	**user**finance_id = finance_id	fk_finance_user
⤙	occupation	**user**occupation_id = occupation_id	fk_occupation_user
⤙	relationship	**user**relationship_id = relationship_id	fk_relationship_user

Unique keys

	Columns	Name / Description
🔑	_id	_id

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