

## Raw Structure

```
{
  "name": "string",
  "table_name": "string",
  "fields": [
    {
      "name": "string",
      "type": "string",
      "length": integer,
      "nullable": boolean
    },
    [...]
  ],
  "primary_key": "string",
  "uniques": [
    {
      "name": "string",
      "unique_fields": [
        "string",
        [...]
      ]
    },
    [...]
  ]
}
```

## Example

```
[
  {
    "name": "Book",
    "table_name": "Books",
    "fields": [
      {
        "name": "isbn",
        "type": "string",
        "length": 100,
        "nullable": false
      },
      {
        "name": "title",
        "type": "string",
        "length": 100,

```

```

        "nullable": false
    },
    {
        "name": "year_of_publishing",
        "type": "integer",
        "nullable": false
    }
],
"primary_key": "isbn",
"uniques": [
    {
        "name": "books_un_1",
        "unique_fields": [
            "title"
        ]
    }
]
}
]

```

Resulted **Pydantic** class:

```

class Book(BaseModel):
    isbn: constr(min_length=1, max_length=100)
    title: constr(min_length=1, max_length=100)
    year_of_publishing: int

```

Resulted **SQLAlchemy** class:

```

class Book(Base):
    __tablename__ = 'Books'
    isbn = Column(String(100), primary_key=True)
    title = Column(String(100), nullable=False, unique=True)
    year_of_publishing = Column(Integer)

```