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| --- | --- | --- | --- | --- |
| Версия | Изменения | Дата | Автор | Подпись |
| 1.0 | Оценка размера БД | 05.11.2016 | Корнеев Владислав, Фильшин Александр |  |

**Расчет среднего объема БД**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Сущность | Атрибут | Тип данных | Размер,  байт | Среднее количество | Объем,  байт |
| User | UserID | uuid | 16 | 55000 | 50710000 |
| Login | varchar(30) | 60 |
| Password | varchar(30) | 60 |
| FirstName | varchar(30) | 60 |
| LastName | varchar(30) | 60 |
| Patronymic | varchar(30) | 60 |
| Phone | varchar(20) | 40 |
| About | text | ≈100 |
| E-mail | varchar(255) | 510 |
| Mark | decimal(2,1) | 2 |
| LastTimeActive | timestamp | 8 |
| Gender | gender | varchar(6) | 12 | 2 | 24 |
| Passport | Serie | integer | 4 | 40000 | 29920000 |
| Number | integer | 4 |
| IssuedBy | varchar(100) | 200 |
| IssuedWhen | date | 40 |
| DepartmentCode | varchar(10) | 20 |
| PlaceOfBirth | varchar(50) | 100 |
| RegistrationTown | varchar(30) | 60 |
| RegistrationAddress | varchar(150) | 300 |
| registrationDate | date | 4 |
| UserId (FK) | uuid | 16 |
| Review | ReviewID | uuid | 16 | 2000 | 2272000 |
| Title | varchar(40) | 80 |
| Text | text | ≈1000 |
| Mark | integer | 4 |
| UserId (FK) | uuid | 16 |
| ProductId (FK) | uuid | 16 |
| Message | MessageID | uuid | 4 | 30000 | 4320000 |
| Text | text | ≈100 |
| SendingTime | timestamp | 8 |
| SenderId (FK) | uuid | 16 |
| RecipientId (FK) | uuid | 16 |
| Deal | DealID | uuid | 16 | 4000 | 224000 |
| ConfirmationDate | date | 4 |
| ReturnDate | date | 4 |
| LessorId (FK) | uuid | 16 |
| LesseeId (FK) | uuid | 16 |
| DealStatus | Status | varchar(20) | 40 | 5 | 200 |
| ReviewStatus | Status | varchar(20) | 40 | 3 | 120 |
| Product | ProductID | uuid | 16 | 15000 | 18660000 |
| Price | integer | 4 |
| Pledge | integer | 4 |
| Title | varchar(100) | 200 |
| Description | text | ≈1000 |
| Rating | decimal(2,1) | 2 |
| LastTimeUpdate | timestamp | 8 |
| MinDaysRent | smallint | 2 |
| Views | integer | 4 |
| ViewsToday | integer | 4 |
| UserId (FK) | uuid | 16 |
| ProductStatus | Status | varchar(20) | 40 | 4 | 160 |
| MetroStation | StationID | uuid | 16 | 400 | 44800 |
| StationName | varchar(40) | 80 |
| CityId (FK) | uuid | 16 |
| City | CityID | uuid | 16 | 20 | 1920 |
| CityName | varchar(40) | 80 |
| ProductCategory | CategoryID | uuid | 16 | 15 | 1440 |
| CategoryName | varchar(40) | 80 |
| ProductType | TypeID | uuid | 16 | 30 | 3960 |
| TypeName | varchar(50) | 100 |
| CategoryId (FK) | uuid | 16 |
| Admin | AdminID | uuid | 16 | 30 | 19380 |
| FirstName | varchar(20) | 40 |
| LastName | varchar(20) | 40 |
| Password | varchar(20) | 40 |
| Email | varchar(255) | 510 |

**106178004 байт ≈ 101,26 Мб – средний объем БД**