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| Dimension and Facts Basics |

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| REVISION HISTORY | | | | | |
| Ver. | Description of Change | Author | Date | Approved | |
| Name | Effective Date |
| 1.0 | Initial status | Arina Marchenko | 09-11-2017 |  |  |

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# Analytical task

The business of the project is a car sale. Thousands of cars are sold and bought daily, so it becomes a problem to keep it in one place. Based on this, the grain of the model is a car for sale.

Fact table will include product\_id, registration date id , characteristic\_id, vehicle type id, gearbox id, model id, fuel type id, status id, power PS, cost, kilometers, min price, average price, sd price.

Dimensions:

1. Seller. Here will be information about seller such as:
   * Name
   * Surname
   * Rating
   * Contact information (phone, email)
2. Store. In Store there is information about the location:

* Country
* City
* Street
* house

contacts of each store:

* Phone
* email

1. Product. Here will be:

* product id
* product number
* name

1. Date of registration. Here will be registration:

* date id
* year of registration
* month of registration
* day of registration

1. Vehicle type. Here will be:

* vehicle type id
* type name(coupe, suv, kleinwagen, limousine, cabrio, bus, kombi, andere)

1. Fuel Type. Here will be:

* fuel type id
* fuel type(benzin, diesel, Ipg, hybrid)

1. Gearbox type. Here will be:

* gearbox id
* gearbox type(manuell, automatic)

1. Model. Here will be:

* model id
* model name(golf, grand, fabia, andere, Passat, navara, polo, meriva, twing and so on)

1. Brand. Here will be:
   * brand id
   * brand name(Volkswagen, audi, jeep, Volkswagen, skoda, bmw, Peugeot and so on)
2. Status of repaired. Here will be:
   * status\_id
   * status name(yes, no)