

# DirtyCleaners

## Technology stack

JavaFX+OracleSQL

## About Project

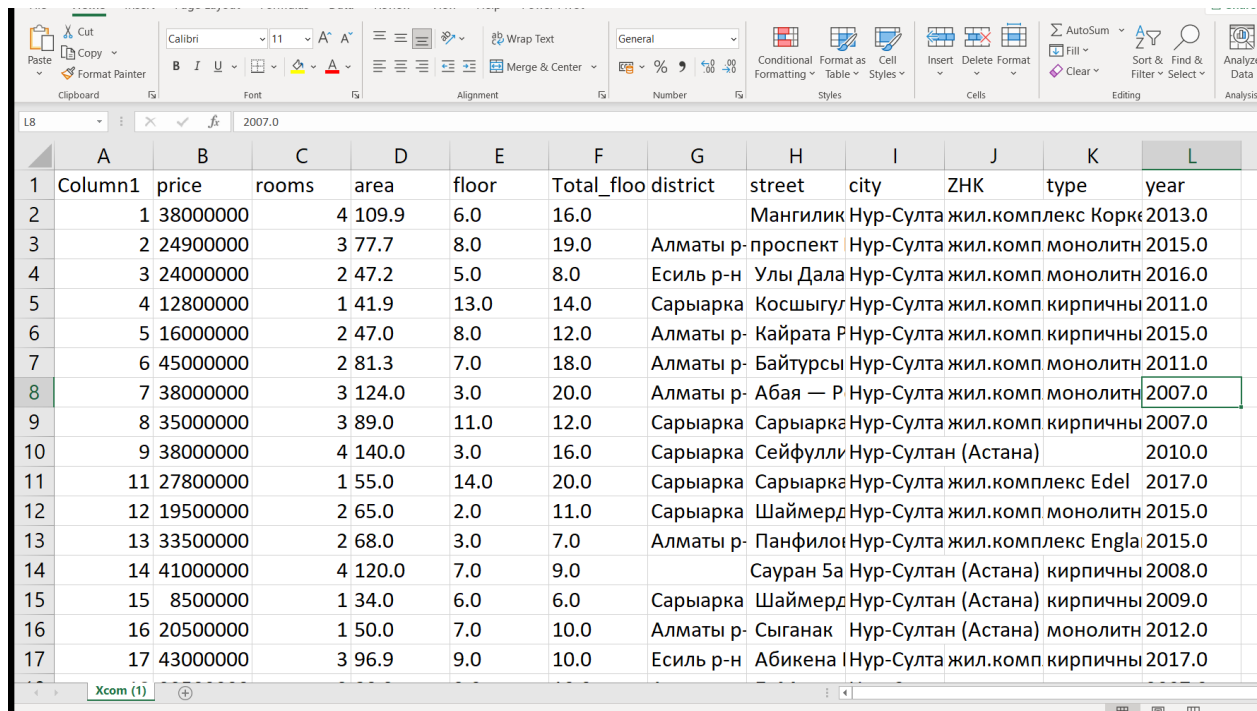
We made a desktop app where you can search for homes, look for a commercial property to house your business or look up your current home's value.

We were trying to focus more on functionality and for making projects useful for everyone.

## Dataset

We were searching for a database for 2 days and saw about 100 datasets and we found astana\_house\_prices that contains about 20000 rows.

These prices got real data about apartments in our country so it was appropriate for us. As you can see there are a lot of attributes like price, rooms, area, floor, total\_floors, district, street, city, zhk, type, year. As we have only one table, in project we had problems with using join but we still were trying to make our project good.



	A	B	C	D	E	F	G	H	I	J	K	L
1	Column1	price	rooms	area	floor	Total_floors	district	street	city	ZHK	type	year
2	1	38000000		4 109.9	6.0	16.0		Мангилик	Нур-Султа	жил.комплекс Корк		2013.0
3	2	24900000		3 77.7	8.0	19.0	Алматы р-	проспект	Нур-Султа	жил.комп	монолитн	2015.0
4	3	24000000		2 47.2	5.0	8.0	Есиль р-н	Улы Дала	Нур-Султа	жил.комп	монолитн	2016.0
5	4	12800000		1 41.9	13.0	14.0	Сарыарка	Косшыгул	Нур-Султа	жил.комп	кирпичны	2011.0
6	5	16000000		2 47.0	8.0	12.0	Алматы р-	Кайрата Р	Нур-Султа	жил.комп	кирпичны	2015.0
7	6	45000000		2 81.3	7.0	18.0	Алматы р-	Байтұрсы	Нур-Султа	жил.комп	монолитн	2011.0
8	7	38000000		3 124.0	3.0	20.0	Алматы р-	Абая — Р	Нур-Султа	жил.комп	монолитн	2007.0
9	8	35000000		3 89.0	11.0	12.0	Сарыарка	Сарыарка	Нур-Султа	жил.комп	кирпичны	2007.0
10	9	38000000		4 140.0	3.0	16.0	Сарыарка	Сейфулли	Нур-Султан	(Астана)		2010.0
11	11	27800000		1 55.0	14.0	20.0	Сарыарка	Сарыарка	Нур-Султа	жил.комплекс Edel		2017.0
12	12	19500000		2 65.0	2.0	11.0	Сарыарка	Шаймерд	Нур-Султа	жил.комп	монолитн	2015.0
13	13	33500000		2 68.0	3.0	7.0	Алматы р-	Панфило	Нур-Султа	жил.комплекс Engla		2015.0
14	14	41000000		4 120.0	7.0	9.0		Сауран 5а	Нур-Султан	(Астана)	кирпичны	2008.0
15	15	8500000		1 34.0	6.0	6.0	Сарыарка	Шаймерд	Нур-Султан	(Астана)	кирпичны	2009.0
16	16	20500000		1 50.0	7.0	10.0	Алматы р-	Сыганак	Нур-Султан	(Астана)	монолитн	2012.0
17	17	43000000		3 96.9	9.0	10.0	Есиль р-н	Абикена	Нур-Султа	жил.комп	кирпичны	2017.0

## Implementation:

This is how we connected java with oracle sql.

```
public class Main extends Application {

    @Override
    public void start(Stage primaryStage) throws Exception {
        try{
            //step1 load the driver class
            Class.forName("oracle.jdbc.driver.OracleDriver");

            //step2 create the connection object
            Connection con= DriverManager.getConnection(
                "jdbc:oracle:thin:@localhost:1521:orcl","SYS as sysdba","Dias9259540");

            //step3 create the statement object
            Statement stmt=con.createStatement();

            System.out.println("rss");
            PreparedStatement pstmt = con.prepareStatement
                (" " +
                 "declare" +
```

## Project:

This is the final stage of our project. It works 100%. But as we was using javafx desktop app we had poor design.

[illegible]

## **OVERALL:**

From this course we learned a lot. We were like making a project for a real company. We had a great team so everybody was doing his job great. And by doing this project we learned about query performance, true cardinality, more about diagrams and RA operators. Thanks a lot for the great course.

## **Problems we expected during this project:**

As i said earlier we have only one table and that was so bad, because the half of phases need using join.

Second problem is that at the last few weeks we have so many deadlines and projects, because of that we had some late submissions.

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