A1.

EmployeeId	surname	firstname	Position	Sex
200000001	Hawthorne	Serafim	Head Nurse	M
200000002	Wehnert	Wilhelm	Head Nurse	M
200000003	Northrop	Annice	Nurse	F
200000004	Scarlett	Kylee	Nurse	F
200000005	Schofield	Nelle	Nurse	F

A2.

count (distinct patient)
9

A3.

Physicians	Department
Martinus Blom	Internal Medicine
Vinicius Korhone	Surgery
Gal Barton	Emergency Medicine

A4.

Physician	Department
Nontle Michalak	Internal Medicine
Naiche Slovak	Internal Medicine
Randy Ivanov	Internal Medicine
Estera Solberg	Internal Medicine
Anttoni Borde	Internal Medicine
Liliãjna Vandroo	Internal Medicine
Gal Barton	Surgery
Vinicius Korhone	Surgery
Martinus Blom	Surgery

A5.

Physician	Procedure Name
Estera Solberg	Appendectomy
Estera Solberg	Carotid Endartectomy
Estera Solberg	Cornary Artery Bypass
Estera Solberg	Hemorrhoidectomy
Estera Solberg	Inguinal hernia repair
Naiche Slovak	Carotid Endartectomy
Naiche Slovak	Cornary Artery Bypass
Naiche Slovak	Tonsillectomy
Vinicius Korhone	Appendectomy
Vinicius Korhone	Carotid Endartectomy
Vinicius Korhone	Cataract Surgery
Vinicius Korhone	Cholescystectomy
Vinicius Korhone	Cornary Artery Bypass
Vinicius Korhone	Inguinal hernia repair
Vinicius Korhone	Hemorrhoidectomy
Liliãjna Vandroo	Carotid Endartectomy
Liliãjna Vandroo	Cornary Artery Bypass
Liliãjna Vandroo	Cholescystectomy
Martinus Blom	Cataract Surgery
Martinus Blom	Inguinal hernia repair
Martinus Blom	Carotid Endartectomy
Randy Ivanov	Cataract Surgery
Randy Ivanov	Appendectomy
Randy Ivanov	Inguinal hernia repair
Randy Ivanov	Partial colectomy
Randy Ivanov	Hemorrhoidectomy
Randy Ivanov	Cholescystectomy

Randy Ivanov	Tonsillectomy
Anttoni Borde	Hemorrhoidectomy
Anttoni Borde	Appendectomy
Anttoni Borde	Cornary Artery Bypass
Nontle Michalak	Cataract Surgery
Nontle Michalak	Tonsillectomy
Nontle Michalak	Cholescystectomy
Nontle Michalak	Cornary Artery Bypass
Nontle Michalak	Carotid Endartectomy
Gal Barton	Inguinal hernia repair
Gal Barton	Cornary Artery Bypass
Gal Barton	Appendectomy
Gal Barton	Hemorrhoidectomy
Gal Barton	Tonsillectomy
Gal Barton	Partial colectomy
Gal Barton	Carotid Endartectomy

A6.

Physician   position

A7.

Patient	*Number of Appointments with a Physician in Our Hospital*
Tanisha Torosyan	1
Buckholtz Rainer	1
Majda Amit	2
Mooren Zaahir	1
Milena Traverso	1
Finn MacIver	1
Page Mare	1
Ruiz Louiza	1
Porras Julie	1

A8.

MRN	*surname*	*firstname*	*Sex*	*address*	*zipcode*	*telephone*	*insuranceid*	*PCP*	*appointment.patient*	*physician*	*nurse*	*date*
900000005	Rainerio	Buckholtz	M	558 East Hill Fiel	78250	208-574-5592	131417284	300000006	111630294	900000005	300000005	200000005	2021-11-26
900000009	Louiza	Ruiz	M	9061 Theatre Rd	77020	660-281-2521	574053108	300000007	146652258	900000009	300000009	200000002	2021-11-25

A9.

Patient	*PCP*	*Prescribed this Medication:*
Finn MacIver	LiliÃ¡na Vandroo	Azithromycin
Tanisha Torosyan	Estera Solberg	Azithromycin

A10.

Physican

A11.

Physican   Position

A12.

Patient, Physician, name, cost

Milena Traverso	Anttoni Borde	Carotid Endartec	9068.42
Ruiz Louiza	Martinus Blom	Cholescystectom	8867.2
Ruiz Louiza	Randy Ivanov	Cornary Artery By	8306.49
Porras Julie	Gal Barton	Hemorrhoidector	7470.21
Majda Amit	Gal Barton	Inguinal hernia re	8259.88
Page Mare	Nontle Michalak	Partial colectomy	9274.18
Finn MacIver	Anttoni Borde	Cholescystectom	8867.2
Milena Traverso	Estera Solberg	Cholescystectom	8867.2
Tanisha Torosyan	Randy Ivanov	Cholescystectom	8867.2
Ruiz Louiza	Randy Ivanov	Cornary Artery By	8306.49
Ruiz Louiza	Randy Ivanov	Hemorrhoidector	7470.21

Page Mare	Gal Barton	Debridement of v	8714.39
Ruiz Louiza	Gal Barton	Partial colectomy	9274.18

A13.

Patient, Physician, name, description

Milena Traverso	Anttoni Borde	Tadalafil	It can treat erectile dysfunction and enlarged prostate (benign prostatic hyperplasia). It can also treat high blood pressure in the lungs (pulmonary arterial hypertension).
Mooren Zaahir	Martinus Blom	Tadalafil	It can treat erectile dysfunction and enlarged prostate (benign prostatic hyperplasia). It can also treat high blood pressure in the lungs (pulmonary arterial hypertension).
Buckholtz Rainer	Randy Ivanov	Metoprolol	It can treat high blood pressure, chest pain (angina), and heart failure. This may lower the risk of death after a heart attack.
Porras Julie	Naiche Slovak	Atorvastatin	It can treat high cholesterol and triglyceride levels. This may reduce the risk of angina, stroke, heart attack, and heart and blood vessel problems.
Majda Amit	Vinicius Korhone	Azithromycin	It can treat various types of infections, including pink eye (bacterial conjunctivitis).
Page Mare	Nontle Michalak	Atorvastatin	It can treat high cholesterol and triglyceride levels. This may reduce the risk of angina, stroke, heart attack, and heart and blood vessel problems.
Ruiz Louiza	Gal Barton	Tadalafil	It can treat erectile dysfunction and enlarged prostate (benign prostatic hyperplasia). It can also treat high blood pressure in the lungs (pulmonary arterial hypertension).
Majda Amit	Anttoni Borde	Azithromycin	It can treat various types of infections, including pink eye (bacterial conjunctivitis).
Page Mare	Estera Solberg	Metformin	It can treat type 2 diabetes.
Ruiz Louiza	Randy Ivanov	Atorvastatin	It can treat high cholesterol and triglyceride levels. This may reduce the risk of angina, stroke, heart attack, and heart and blood vessel problems.
Ruiz Louiza	Randy Ivanov	Metoprolol	It can treat high blood pressure, chest pain (angina), and heart failure. This may lower the risk of death after a heart attack.
Ruiz Louiza	Randy Ivanov	Azithromycin	It can treat various types of infections, including pink eye (bacterial conjunctivitis).

A14.

Patient

Majda Amit

A15.

MAX(cost)

5000

A16.

code, name, brand, Drug_class, cost, description

3	Metformin	Glucophage	Antihyperglycemi	1000	It can treat type 2 diabetes.
6	Penicillin		Antibiotics	1000	Penicillins are a group of antibiotics originally obtained from Penicillium moulds, principally P. chrysogenum and P. rubens. Most penicillins in clinical use are chemically synthesised from naturally-produced penicillins
7	Ciprofloxacin	Cetraxal	Antibiotics	1000	It can treat infections.
8	Clindamycin	Clindamycin	Antibiotics	1000	It can treat various types of infections, including skin and vaginal infections.

A17.

Patient

Ruiz Louiza

A18.

letter	count
A	1
J	1
L	1
M	2
R	1
T	2
Z	1

B1.

department, count(distinct physicianID)

1	3
2	3
3	3

B2.

name, count(undergoes.patient)

Internal Medicine	5
Surgery	7
Emergency Medi	6

B3.

name, AVG(pro.cost)

name	
Internal Medicine	6533.368
Surgery	6811.658571
Emergency Medi	7372.906667

B4.

2011-07-15	300000001	1
2012-03-08	300000002	1
2012-11-28	300000003	1
2013-10-18	300000004	1
2016-04-29	300000005	1
2018-09-11	300000009	1
2018-10-01	300000009	1
2018-10-19	300000008	1
2019-10-09	300000009	1
2019-10-24	300000002	1
2019-10-25	300000003	1
2020-07-23	300000005	1
2008-12-24	300000005	1
2009-07-13	300000005	1
2012-11-14	300000004	1
2013-02-01	300000005	1
2014-03-14	300000009	1
2014-09-08	300000009	1

B5.

EmployeeID, MAX(procedures.cost)

EmployeeID	MAX
300000001	4799.24
300000002	9068.42
300000003	8867.2
300000004	8867.2
300000005	8867.2
300000009	9274.18
300000008	9274.18

B6.

departmentID, name, Month Number, Number of Appointments

departmentID	name	Month Number	Number of Appointments
1	Internal Medicine	1	1
1	Internal Medicine	3	1
1	Internal Medicine	5	1
1	Internal Medicine	12	1
2	Surgery	1	1
2	Surgery	5	1
2	Surgery	11	1
3	Emergency Medi	3	1
3	Emergency Medi	7	1
3	Emergency Medi	11	1

C1.

physican

physican
300000004
300000005
300000009

C2.

name	cost
Carotid Endartec	9068.42
Cholescystectom	8867.2
Cornary Artery B	8306.49
Hemorrhoidector	7470.21
Inguinal hernia re	8259.88

| Partial colectomy | 9274.18 |
| Debridement of v | 8714.39 |

C3.

name, cost

Carotid Endartec	9068.42
Cholescystectom	8867.2
Partial colectomy	9274.18

C4.

physician

LiliÃ¡na Vandroogenbroeck
Nontle Michalak

D1.

name, total_cost

Metoprolol	42500
Atorvastatin	357500
Metformin	20000
Tadalafil	2600000
Azithromycin	266000
Penicillin	
Ciprofloxacin	
Clindamycin	

D2.

name, total_cost

| Metoprolol | 42500 |
| Metformin | 20000 |

D3.

Referral_from, physician_name

300000008	Nontle Michalak
300000007	Vinicius Korhonen
300000002	Anttoni Borde
300000001	LiliÃ¡na Vandroogenbroeck

D4.

EmployeeID, physician_name

300000001	LiliÃ¡na Vandroogenbroeck
300000003	Estera Solberg
300000007	Vinicius Korhonen
300000008	Nontle Michalak

D5.

EmployeeID, referral_from, physician_name

| 300000003 | 300000001 | LiliÃ¡na Vandroogenbroeck |
| 300000006 | 300000005 | Randy Ivanov |