Statistical_analysis

Output				
Category	Metric	Value		
Release Year	Min	2006		
Release Year	Max	2006		
Release Year	Avg	2006		
Release Year	Count	1000		
Rental Duration	Min	3		
Rental Duration	MAx	7		
Rental Duration	Avg	4.985		
Rental Duration	Count	1000		
Rental Rate	Min	0.99		
Rental Rate	Max	4.99		
Rental Rate	Avg	2.98		
Rental Rate	Count	1000		
Replacement Cost	Min	\$9.99		
Replacement Cost	Max	\$29.99		
Replacement Cost	Avg	\$19.98		
Replacement Cost	Count	1000		

Output		
modal_customer_id	1	
modal_store_id	1	
modal_create_date	02-14-06	
modal_active	1	

Output			
modal_language_id 1			
modal_rating PG-13			

Query

SELECT

MIN (release_year) AS min_release_year,

MAX (release_year) AS max_release_year,

AVG (release_year) AS avg_release_year,

COUNT (release_year) AS count_release_year,

MIN (rental_duration) AS min_rental_duration,

MAX (rental_duration) AS max_rental_duration,

AVG (rental_duration) AS avg_rental_duration,

COUNT(rental_duration) AS count_rental_duration,

MIN (rental_rate) AS min_rental_rate,

MAX (rental_rate) AS max_rental_rate,

AVG (rental_rate) AS avg_rental_rate,

COUNT (rental_rate) AS count_rental_rate,

MIN (replacement_cost) AS min_replacement_cost,

MAX (replacement_cost) AS max_replacement_cost,

AVG (replacement_cost) AS avg_replacement_cost,

COUNT (replacement_cost) AS count_replacement_cost, COUNT(*) AS count_rows

FROM film;

Query

SELECT MODE() WITHIN GROUP V Japanage, id) AS model 18

(ORDER BY language_id) AS modal_language_id,

MODE() WITHIN GROUP

(ORDER BY rating) AS modal_rating FROM film

Query

SELECT

MODE() WITHIN GROUP

(ORDER BY customer_id) AS modal_customer_id,

MODE() WITHIN GROUP

(ORDER BY store_id) AS modal_store_id,

MODE() WITHIN GROUP

(ORDER BY create_date) AS modal_create_date,

MODE () WITHIN GROUP

(ORDER BY active) AS modal_active

FROM customer

average_rental_duration

Output		
rating	average	
NC-17	5.142857143	
PG	5.082474227	
PG-13	5.053811659	
G	4.837078652	
R	4.774358974	

Query

SELECT rating, AVG (rental_duration) AS average

FROM film

GROUP BY rating

ORDER BY AVG(rental_duration) DESC;

title_count_category

Output		
name	title_count	
Sports	74	
Foreign	73	
Thriller	69	
Documentary	68	
Animation	66	
Action	64	
New	63	
Drama	62	
Sci-Fi	61	
Games	61	
Children	60	
Comedy	58	
Travel	57	
Classics	57	
Horror	56	
Music	51	

Query

SELECT name, COUNT (C title) AS title_count
FROM category A

JOIN film_category B ON A category_id = Ecategory_id

JOIN film C ON B film_id = C film_id

GROUP BY name

ORDER BY COUNT (C title) DESC

top_10_customers

Output		
country	count	
India	60	
China	53	
United States	36	
Japan	31	
Mexico	30	
Brazil	28	
Russian Federation	28	
Philippines	20	
Turkey	15	
Indonesia	14	

	Query		
Ī	SELECT D.country,		
	COUNT(customer_id) AS count_customer		
	FROM customer A		
	INNER JOIN address B ON A.address_id = B.address_id		
	INNER JOIN city C ON B.city_id = C.city_id		
	INNER JOIN country D ON C.country_ID = D.country_ID		
	GROUP BY country		
	ORDER BY COUNT (customer_id) DESC		
	LIMIT 10;		

top_10_cities

	Output	
city	country	customer_count
Aurora	United States	2
Atlixco	Mexico	1
Xintai	China	1
Adoni	India	1
Dhule (Dhulia)	India	1
Kurashiki	Japan	1
Pingxiang	China	1
Sivas	Turkey	1
Celaya	Mexico	1
So Leopoldo	Brazil	1

Query
SELECT C.city, D.country,
COUNT(customer_id) AS count_customer
FROM customer A
INNER JOIN address B ON A.address_id = B.address_id
INNER JOIN city C ON B.city_id = C.city_id
INNER JOIN country D ON C.country_ID = D.country_ID
WHERE D.country IN (SELECT D.country
FROM customer A
INNER JOIN address B ON A.address_id = B.address_id
INNER JOIN city C ON B.city_id = C.city_id
INNER JOIN country D ON C.country_ID = D.country_ID
GROUP BY D.country
ORDER BY COUNT(A.customer_id) DESC
LIMIT 10)
GROUP BY D.country,C.city
ORDER BY COUNT (customer_id) DESC
LIMIT 10;

top_5_customers from top_10_cities

Output					
customer_id	first_name	last_name	city	country	total_payment
225	Arlene	Harvey	Ambattur	India	111.76
424	Kyle	Spurlock	Shanwei	China	109.71
240	Marlene	Welch	lwaki	Japan	106.77
486	Glen	Talbert	Acua	Mexico	100.77
537	Clinton	Buford	Aurora	United States	98.76

Query

SELECT B.customer_id,

B.first_name,

B.last_name,

D.city,

E.country,

SUM(A.amount) AS total_payment

FROM payment A

INNER JOIN customer B ON A.customer_id = B.customer_id

INNER JOIN address C ON B.address_id = C.address_id

INNER JOIN city D ON C.city_id = D.city_id

INNER JOIN country E ON D.country_id = E.country_id

WHERE D.city IN

(SELECT C.city

FROM customer A

INNER JOIN address B ON A.address_id = B.address_id

INNER JOIN city C ON B.city_id = C.city_id

INNER JOIN country D ON C.country_ID = D.country_ID

WHERE D.country IN

(SELECT D.country

FROM customer A

INNER JOIN address B ON A.address_id = B.address_id

INNER JOIN city C ON B.city_id = C.city_id

INNER JOIN country D ON C.country_ID = D.country_ID

GROUP BY D.country

ORDER BY COUNT(A.customer_id) DESC

LIMIT 10)

GROUP BY C.city

ORDER BY COUNT(A.customer_id) DESC)

GROUP BY E.country, D.city, B.customer_id, B.first_name, B.last_name
ORDER BY SUM(A.amount) DESC

LIMIT 5;

average_payment_top_5_customers

Output
total_amount_paid
105.554

```
Query
SELECT AVG(total_payment) AS total_amount_paid
      SELECT B.customer_id,
               B.first_name,
               B.last_name,
               D.city,
               E.country,
              SUM(A.amount) AS total_payment
      FROM payment A
               INNER JOIN customer B ON A.customer_id = B.customer_id
               INNER JOIN address C ON B.address_id = C.address_id
               INNER JOIN city D ON C.city_id = D.city_id
               INNER JOIN country E ON D.country_id = E.country_id
      WHERE D.city IN
        (SELECT D.city
        FROM customer B
               INNER JOIN address C ON B.address_id = C.address_id
               INNER JOIN city D ON C.city_id = D.city_id
               INNER JOIN country E ON D.country_ID = E.country_ID
        WHERE E.country IN
                         (SELECT E.country
                          FROM customer B
                                 INNER JOIN address C ON B.address_id = C.address_id
                                INNER JOIN city D ON C.city_id = D.city_id
                                 INNER JOIN country E ON D.country_ID = E.country_ID
                                         GROUP BY E.country
                                         ORDER BY COUNT(B.customer_id) DESC
                                         LIMIT 10)
               GROUP BY E.country, D.city
               ORDER BY COUNT(B.customer_id) DESC
               LIMIT 10)
         GROUP BY E.country, D.city, B.customer_id, B.first_name, B.last_name
         ORDER BY SUM(A.amount) DESC
          LIMIT 5)
```

Output			
name	min_payment	max_payment	total_revenue
Action	0	11.99	118562.56
Animation	0	11.99	124971.95
Children	0	11.99	99686.32
Classics	0	11.99	99714.6
Comedy	0	11.99	100146.68
Documentary	0	11.99	111022.42
Drama	0	11.99	111073.76
Foreign	0	11.99	110213.86
Games	0	11.99	104538.64
Horror	0	11.99	89445.07
Music	0	11.99	87185.39
New	0	11.99	100529.28
Sci-Fi	0	11.99	116128.29
Sports	0	11.99	125547.36
Thriller	0	11.99	118222.87
Travel	0	11.99	88557.8

movie_revenue

Query

SELECT name, MIN(F.amount) AS min_payment, MAX(F.amount) AS max_payment, SUM(F.amount) AS total_revenue FROM category A
JOIN film_category B ON A.category_id = B.category_id
JOIN film C ON B.film_id = C.film_id
JOIN inventory D ON C.film_id = D.film_id
JOIN rental E ON D.inventory_id = E.inventory_id

JOIN payment F ON E.customer_id = F.customer_id GROUP BY A.name ORDER BY A.name

customer_id

148

526

178

137

144

459

181

410

236

403

522

469

470

373

259

468

462

372

187

550

176

532

75

209

21

26

86

211

346

366

50

360

348

513

454 347

390

267

257

39

78

362 363

119 368

66

237

29

87

80

439

558

494

576

591

467

479

210

120

204

15

5

349

404

172

197

265

533

380

472

13

46

125

3

273

7

502

342

566

112

560

102

168

484

242

103

84

196

448

221

141

520

38

200

146

436

206

108

114

482

426

295

147

354

45

89

198

129

300

2

506

371

51

27

30

92

434

535

163

244

473

508

497

166

451 438

406

491

179

423

499

122

59

389

487

207

306

82

41

589

565

128

35 230

583

285 585

504

421

573

49

149

253

274

263

71

356

56

512

529

393

158

279

54

584

262

107

388

1

433

309

302

266

139

569

416

314

260

540

582

63

32

131

485

453

225

337

577

173

579

113

186

42

592

531

258

495

515

213

154

559

90

595

241

170 536

575

16

220

538

376

447

481

446

386

424

284

594

277

590

334

518

574

239

167

293

571

427

332

145

441

588

157

418 254

91

477

343

240

155

234

471

116

457

23

160

52

138

490

127

331

294

193

400

58

396

40

96

444

28

345

493

289

121

171

407

31

25

397

442

341

296

280

202

245

214

20

408

292

553

510

98

587

126

190

44

466

100

593

405

486

572

517

219

251

135

519

11

297

57

563

503

452

381

19

329

537

175 374

425

264

580

367

65

460

192

562

409

475

123

256

581

269

268

379

83

352

414

317

445

286

500

422

74

554

578

106

541

180

488

324

339

456

199

132

22

68

150

276

153

161

546

10

111

321

432

528 319

443

336

105

385

229

383

377

12

47

544

307

365

81

511

431

182

516

474

275

188

489

505

212

37

201

417

392

570

323

64

261

216

99

36

461

552

73

43

364

333

156

233

507 235

69

463 34

361

247

249

33

375

60

415

231

53

133

72

17

203

547

523

476

305

226

189

130

351

597

509

195

478

501

238

67

169

217

101

232

419

228

561

208

115

437

567

382

455

359

8

24

77

450

542

55

545

88

539

299

6

140

480

143

440

598

340

496

564

498

483

524

322

308

174

312

165

534

4 527

215

151

311

449

205

316

184

290

287

357

521

109

304

282

185

387

391

429

18

9

338

62

298

227

435

223

134

402

394

384

104

243

246

118

93

224

70

270

358

551

530

183

194

555

412

327

420

76

142

398

291

399

428

152

79

543

596

335

411

95

325

556

85

301

222

94

430

278

177

255

378

370

303

117

514

369

310

465

525

355

283

48

464

315

218

191

458

568

272

328

353

413

164

344

326

548

313

350

557

492

549

401

330

136

162

159

97

252

61

124

395

271

250

288

586

110

320

248

281

318

city

Saint-Denis

Cape Coral

Santa Brbara dOeste

Apeldoorn

Molodetno

Qomsheh

Memphis

Richmond Hill

Tanza

Valparai

Santa Rosa

Ourense (Orense)

Hodeida

Tanauan

Halisahar

Bijapur Usolje-Sibirskoje

Probolinggo

Sumy

Zhoushan

Skikda

Cam Ranh

Changhwa

Bhilwara

Tangail

Citt del Vaticano

Songkhla

Fuyu

Maikop

Balikesir

Omdurman

Arecibo

Hsichuh

Yangor Uruapan

Daugavpils

Nakhon Sawan

Lengshuijiang

Beira

Vila Velha

Rae Bareli Belm

Nyeri Shubra al-Khayma

Najafabad

Malm

Naju

Shimonoseki

Sincelejo

lfe

Bergamo

Wroclaw

Robamba

Fengshan

Juiz de Fora

Cuauhtmoc

Akron

Aden

Dos Quebradas

Usak

Bhopal

Nantou

lmus

Omiya

Batman

Changzhou

Olomouc

Binzhou

Tychy

Nam Dinh

Osmaniye

Moscow

Boksburg

Athenai

Salamanca

Kragujevac

Siliguri (Shiliguri)

Boa Vista

Tokat

Lancaster

Avellaneda

Ashdod

Jinchang

Yinchuan

Qinhuangdao

llorin

Atlixco

Mannheim

Erlangen

Syrakusa

Fukuyama

Nha Trang

Chisinau

Ashgabat

Sterling Heights

Vancouver

Blumenau

Huixquilucan

Duisburg

Coatzacoalcos

Purnea (Purnia)

Kolpino

Urawa

Santo Andr

Antofagasta

La Plata

Ikerre

Liaocheng

Parbhani

San Bernardino

Pontianak

Cabuyao

Fontana

Davao

Lungtan

Goinia

Ozamis

NDjamna

Kakamigahara

Lapu-Lapu

Lhokseumawe

Vijayawada

York

Lilongwe El Fuerte

Kitwe

Charlotte Amalie

Mit Ghamr

Kirovo-Tepetsk

Sawhaj

Brindisi

Lima

Mysore

Emeishan

Pjatigorsk

Nuuk

Sungai Petani

Simferopol

Yerevan

Loja

Hunuco

Jastrzebie-Zdrj Toulouse

Botosani

Southampton

Otsu

Quilmes

Joliet

Pudukkottai

Zhezqazghan

Jedda

Brockton

Miyakonojo

Karnal

Mandaluyong

Baybay

Satna

Papeete

London

Bhimavaram

Korolev

Greensboro

Tabriz

lwakuni

Banjul

Portoviejo

Merlo

Cavite

Sasebo

Naala-Porto

Brescia

Tiefa

Salzburg

Touliu

Leshan

Dadu

Sorocaba

Datong

Ruse

Huejutla de Reyes

Lincoln

Jhansi

Mukateve

Shaoguan

Maracabo

Ambattur

Onomichi

Tanshui

Graz

Mosul

Cuman

Haldia

Pak Kret

Szkesfehrvr

Kuwana

Santiago de los Caballeros

Baiyin

Coquimbo

Taizz

Yuncheng

Bilbays

Meixian

Jinzhou

Xiangfan Udaipur

Tonghae

Cuernavaca

Southend-on-Sea

Zanzibar

Baicheng

Kurgan

Nabereznyje Telny

Mwanza

Uluberia

Kamjanets-Podilskyi

Shanwei

Benin City

Jining

Ogbomosho

al-Manama

Sumqayit

Sivas

Akishima

Ciomas

Chandrapur

Donostia-San Sebastin

Plock

Guaruj

Dhaka

Soshanguve

Batna

Weifang

Pyongyang San Felipe de Puerto Plata

Poos de Caldas

Bandar Seri Begawan

Stockport

Mexicali

lwaki

Bern

Jalib al-Shuyukh Johannesburg

Pemalang

Rockford

Liepaja

Ljubertsy

A Corua (La Corua)

Hohhot

Sogamoso

Smolensk

Santa F

Dayton

Kisumu

Dallas

Kuching

lwatsuki

Nador

Augusta-Richmond County

Tartu

Munger (Monghyr)

San Lorenzo

Sultanbeyli

Kowloon and New Kowloon

Etawah

lpoh

Rustenburg

Kamarhati

Shikarpur

Atinsk

Tongliao

Ede

Patiala

Owo

Bhusawal

Uijongbu

Sunnyvale

Mardan

Jaffna

Sharja

Novi Sad

Kamyin

al-Ayn

Celaya

Ро

Tabora

Lipetsk

Dongying

Jelets

Garden Grove

Tandil

Acua

Czestochowa

Chungho

Vicente Lpez

Halle/Saale

Pune

Isesaki

Sagamihara

Ahmadnagar

Vaduz

Bucuresti

Ueda

Abu Dhabi

South Hill Kimberley

Jamalpur

Aurora Allappuzha (Alleppey)

Vitria de Santo Anto

San Juan Bautista Tuxtepec

Higashiosaka

lligan

Adoni

Cayenne

Florencia

Firozabad

Sokoto

Deba Habe

ostka

Varanasi (Benares)

Monywa

Jos Azueta

Salinas

Palghat (Palakkad)

Bhavnagar

Springs

Bamenda Citrus Heights

Allende

Trshavn

Escobar

Effon-Alaiye

Madiun

Laohekou

Rio Claro

Rajkot

Carmen

Ivanovo

Livorno

Pereira

La Paz

Yuzhou

Xinxiang

Ziguinchor

Haiphong

Botshabelo

Sal

Shivapuri

Hidalgo

Warren

Jakarta

Tel Aviv-Jaffa

Sanya

Esfahan

Caracas

Birgunj

Newcastle Benguela

San Felipe del Progreso

So Leopoldo

Rampur

Funafuti

Tama

Anpolis

Namibe

Kermanshah

Yamuna Nagar

Juazeiro do Norte

So Bernardo do Campo

Angra dos Reis

Okinawa

Mahajanga

Suihua

Sucre

Compton

Battambang

Emmen

Peoria

Bayugan

Okayama

Talavera

Bellevue

Nanyang

Witten

al-Qatif

Addis Abeba

Monclova

Cuautla

Daxian

Tuguegarao

Aparecida de Goinia

Kimchon

Arak

Gingoog

Haining

Chiayi

Faaa

Guadalajara

Baku

Ondo

ldfu Eskisehir

Buenaventura

Bchar Halifax

Kurashiki

Yaound

Coacalco de Berriozbal

Tianjin

Alessandria

Mwene-Ditu

Jaipur

Amersfoort

Uttarpara-Kotrung

Nagareyama

Torren

Taguig

Elista

Gorontalo

Kanazawa

Vinh

Gatineau

Arlington

Asuncin

Oshawa

guas Lindas de Gois

Zeleznogorsk

Sullana

Chapra

Siegen

Ashqelon

Shimoga

Xiangtan

Pingxiang

Sambhal

Abha

Zaria

Katihar

Phnom Penh

Garland

Balurghat

Nezahualcyotl

La Romana

Serpuhov

Manchester

El Alto

Almirante Brown

Hamilton

Crdoba

Araatuba

Surakarta

Pangkal Pinang

Balaiha

Konotop

Cheju

Valencia

Hiroshima

Laredo

Clarksville

Gaziantep

Kilis

Dhule (Dhulia)

Lausanne

Hanoi

Rizhao

Xintai

Salala

Denizli

Purwakarta

Baha Blanca

Kansas City

Ocumare del Tuy

Tabuk

Hami

Amroha Myingyan

Mogiljov

Stara Zagora

Laiwu

Kursk

Sirjan

Ciudad del Este

Miraj

s-Hertogenbosch

Valle de la Pascua

Tambaram

Bratislava

Yingkou

Klerksdorp

Callao

Ponce

Shahr-e Kord

Lubumbashi

Izumisano

Tsuyama

Kaduna

Masqat

Paarl

Saint Louis

Oulu

Saarbrcken

Junan

Mandi Bahauddin

Qalyub

Brest

Gijn

Huaian

Toulon San Miguel de Tucumn

Maring

Grand Prairie

Zalantun

Jodhpur

al-Hawiya

Kalisz

Ranchi

Alvorada

Ezeiza

Luzinia

Hino

Chatsworth

Hoshiarpur

Adana

El Monte

Pavlodar

Dundee

Bag

Roanoke

Okara

Syktyvkar

Nagaon

Kamakura

Beni-Mellal

Patras

Sousse

Cianjur

Pathankot

Braslia

Southport

Bradford

Kaliningrad

Jaroslavl

Bislig

Dzerzinsk

Inegl

Matamoros

Hagonoy

Shenzhen

Gulbarga

Sanaa

Gandhinagar

Zaoyang

Jurez

lbirit

Zapopan

Udine

Matsue

Korla

Niznekamsk

Rancagua

Bat Yam

Kabul

Novoterkassk

Tegal

Barcelona

Yantai

Ciparay

Pachuca de Soto

Berhampore (Baharampur)

Tarsus

Nukualofa

Kingstown

Tarlac

Ezhou

Teboksary

Vilnius

Kanchrapara

Santiago de Compostela

Koriyama

Aurora

Hubli-Dharwad

Le Mans

Linz

Tete

London

Basel

Ktahya

al-Qadarif

Kumbakonam

Oyo

Valle de Santiago

Tsaotun

Enshi

Tafuna

Tallahassee

Fuzhou

Bydgoszcz

75.79

75.78

75.78

74.84

74.83

74.83

74.81

74.8

74.79

74.77

73.85

73.83

73.82

73.81 73.81

73.81

73.8

73.78

73.78

73.76 72.83

72.82

72.82

72.79

71.85

71.84 71.81

71.8

71.79

71.77

70.82

70.82

70.81

70.81

69.83

69.79

69.79

68.87

68.84

68.82

68.81

68.77

67.86

67.86

67.86

67.82

66.82

66.81

66.79

65.87

65.83

65.83

65.81

64.85

64.84

64.82

63.84

63.84

63.79 63.78

62.85

62.84

62.81

60.82

59.86

59.83

58.83

58.82

58.8 57.87

57.86 57.81

56.84

54.85

52.81

50.83

49.88

47.85

37.87

32.9

27.93

Brazil

Argentina

Brazil

Japan

South Africa

India

Turkey

United States

Kazakstan

United Kingdom

Brazil

United States

Pakistan

Russian Federation

India

Japan

Morocco

Greece

Tunisia

Indonesia

India

Brazil

United Kingdom

United Kingdom

Russian Federation

Russian Federation

Philippines

Russian Federation

Turkey

Mexico

Philippines

China

India

Yemen

India

China

Mexico

Brazil

Mexico

Italy

Japan

China

Russian Federation

Chile

Israel

Afghanistan

Russian Federation

Indonesia

Venezuela

China

Indonesia

Mexico

India

Turkey

Tonga

Saint Vincent and the Grenadines

Philippines

China

Russian Federation

Lithuania

India

Spain

Japan

United States

India

France

Austria

Mozambique

United Kingdom

Switzerland

Turkey

Sudan

India

Nigeria

Mexico

Taiwan

China

American Samoa

United States

China

Poland

Lublin

region_revenue	
Output Country Runion United States Brazil Netherlands Belarus Iran	total_payment 211.55 208.58 194.61 191.62 189.6 183.63
United States Canada Philippines India Philippines Spain Yemen	167.67 167.62 166.61 162.67 161.68 158.65 157.69
Philippines India India Russian Federation Indonesia Ukraine China Algeria	156.66 154.7 154.66 152.69 152.68 151.73 151.69
Vietnam Taiwan India Bangladesh Holy See (Vatican City State) Thailand China Russian Federation	149.69 149.61 147.71 146.68 146.68 146.68 146.67 145.7
Turkey Sudan Puerto Rico Taiwan Nauru Mexico Latvia	145.64 144.7 144.68 144.66 143.7 143.68 142.7
Thailand China Mozambique Brazil India Brazil Kenya Egypt	142.69 142.67 142.66 141.71 141.69 140.69 139.72 139.69
Iran Sweden South Korea Japan Colombia Nigeria Italy	139.69 139.67 138.69 138.65 137.72 137.7
Poland Ecuador Taiwan Brazil Mexico United States Yemen Colombia	135.72 135.7 135.68 134.73 134.72 134.71 134.7
Turkey India Taiwan Philippines Japan Turkey China	134.69 134.68 134.65 133.72 133.71 133.7
Czech Republic China Poland Vietnam Turkey Russian Federation South Africa Greece	132.72 132.7 132.65 131.74 131.73 131.69 131.69 130.76
Mexico Yugoslavia India Brazil Turkey United States Argentina Israel	130.72 130.72 130.7 130.68 130.68 129.72 129.71
China China China China Nigeria Mexico Germany Germany	129.7 129.68 128.73 128.71 128.7 128.69 127.73
Italy Japan Vietnam Moldova Turkmenistan United States Canada	127.73 127.69 127.66 126.74 126.73 126.73
Brazil Mexico Germany Mexico India Russian Federation Japan Brazil	126.73 126.72 126.7 125.74 125.74 125.72 125.68 125.67
Chile Argentina Nigeria China India United States Indonesia Philippines	124.74 124.71 124.68 124.66 123.74 123.74 123.72
United States Philippines Taiwan Brazil Philippines Chad Japan	123.7 123.7 123.66 122.74 122.74 122.72 122.71
Philippines Indonesia India United Kingdom Malawi Mexico Zambia	122.7 122.69 121.77 121.73 121.73 121.7
Virgin Islands, U.S. Egypt Russian Federation Egypt Italy Peru India China	121.69 120.75 120.74 120.74 120.71 120.7 119.76 119.75
Russian Federation Greenland Malaysia Ukraine Armenia Ecuador Peru	119.74 119.72 119.72 118.76 118.75 118.75
Poland France Romania United Kingdom Japan Argentina United States India	118.7 118.69 117.77 117.77 117.76 117.75
Kazakstan Saudi Arabia United States Japan India Philippines Philippines	117.72 116.76 116.75 116.74 116.73 116.73
India French Polynesia United Kingdom India Russian Federation United States Iran Japan	116.71 115.74 115.74 115.72 115.71 115.7 114.76 114.74
Gambia Ecuador Argentina Philippines Japan Mozambique Italy China	114.74 114.73 114.72 114.72 114.7 113.77 113.75 113.74
China Austria Taiwan China Pakistan Brazil China Bulgaria	113.74 113.73 113.73 113.72 113.71 113.7 112.76
Mexico United States India Ukraine China Venezuela India	112.76 112.75 112.74 112.73 112.72 111.77
Japan Taiwan Austria Iraq Venezuela India Thailand Hungary	111.76 111.74 111.73 111.73 111.71 111.71 111.71
Japan Dominican Republic China Chile Yemen China Egypt China	110.77 110.76 110.76 110.74 110.73 110.73 110.72
China China India South Korea Mexico United Kingdom Tanzania	110.71 110.68 109.77 109.77 109.76 109.75
China Russian Federation Russian Federation Tanzania India Ukraine China Nigeria	109.73 109.73 109.73 109.72 109.72 109.72 109.71 108.78
China Nigeria Bahrain Azerbaijan Turkey Japan Indonesia	108.77 108.76 108.76 108.75 108.75 108.73
India Spain Poland Brazil Bangladesh South Africa Algeria China	108.71 107.79 107.78 107.77 107.74 107.73 107.73
North Korea Dominican Republic Brazil Brunei United Kingdom Mexico Japan Switzerland	107.71 107.7 107.7 107.66 106.79 106.77 106.77
Kuwait South Africa Indonesia United States Latvia Russian Federation Spain	106.76 106.75 106.74 106.73 106.73 106.73 106.73
China Colombia Russian Federation Argentina United States Kenya United States Malaysia	106.68 105.78 105.78 105.78 105.77 105.77 105.76
Japan Morocco United States Estonia India Paraguay Turkey	105.74 105.74 105.73 105.72 105.7 104.79
Hong Kong India Malaysia South Africa India Pakistan Russian Federation China	104.76 104.75 104.75 104.74 104.74 104.73 104.72
Netherlands India Nigeria India South Korea United States Pakistan	103.78 103.77 103.77 103.74 103.74 103.74 103.73
Sri Lanka United Arab Emirates Yugoslavia Russian Federation United Arab Emirates Mexico Brazil Tanzania	103.73 102.78 102.77 102.77 102.76 102.76 102.75
Russian Federation China Russian Federation United States Argentina Mexico Poland	101.79 101.78 101.77 101.76 101.7 100.77
Taiwan Argentina Germany India Japan Japan India Liechtenstein	100.76 100.75 100.75 100.72 99.78 99.77 99.74
Romania Japan United Arab Emirates Anguilla South Africa Bangladesh United States India	99.73 99.72 99.71 99.68 98.82 98.77 98.76 98.76
India Brazil Mexico Japan Philippines India French Guiana Colombia	98.76 98.75 98.75 98.75 98.74 97.8 97.8 97.79
India Nigeria Nigeria Ukraine India Myanmar Mexico United States	97.78 97.78 97.78 97.78 97.77 97.75 97.75 96.79
India India South Africa Cameroon United States Mexico Faroe Islands	96.79 96.79 96.78 96.78 96.77 96.77
Argentina Nigeria Indonesia China Brazil India Mexico Russian Federation	96.76 96.76 96.75 96.75 96.74 95.8 95.79
Russian Federation Italy Colombia Mexico China China Senegal Vietnam South Africa	95.79 95.78 95.78 95.78 95.78 95.76 95.76 95.76
Morocco India Mexico United States Indonesia Israel China	94.81 94.78 94.78 94.77 94.76 94.76
Iran Venezuela Nepal South Africa Angola Mexico Brazil India	94.76 94.76 94.75 93.83 93.8 93.8 93.79 93.79
India Tuvalu Japan Brazil Angola Iran India Brazil Brazil	93.78 93.76 93.75 93.75 93.74 93.74
Brazil Brazil Japan Madagascar China Bolivia United States Cambodia	92.8 92.8 92.79 92.79 92.78 92.78 92.76 92.76
Netherlands United States Philippines Japan Philippines United States China	92.75 92.75 92.75 91.81 91.81 91.8 91.79
Germany Saudi Arabia Ethiopia Mexico Mexico China Philippines Brazil	91.79 91.78 91.78 91.77 91.75 91.75 91.7 90.78
South Korea Iran Philippines China Taiwan French Polynesia Mexico	90.77 90.75 90.73 89.8 89.78 89.78 89.78
Azerbaijan Nigeria Egypt Turkey Colombia Algeria Canada Japan	89.78 89.77 89.77 89.77 89.77 89.77 89.76
Cameroon Mexico China Italy Congo, The Democratic Republic of the India Netherlands	89.71 88.81 88.8 88.8 88.8 88.78 88.78
India Japan Mexico Philippines Russian Federation Indonesia Japan Vietnam	88.77 88.76 88.75 88.73 87.82 87.81 87.8 87.8
Canada United States Paraguay Canada Brazil Russian Federation Peru	87.8 87.8 87.79 87.79 87.78 87.77
India Germany Israel Poland India China China India	86.82 86.81 86.81 86.81 86.8 86.8 86.8 86.79
Saudi Arabia Nigeria India Cambodia United States India Mexico	86.77 86.77 86.76 86.75 86.75 86.75 86.73
Dominican Republic Russian Federation United States Bolivia Argentina New Zealand Argentina Brazil	85.8 85.8 85.78 85.78 85.78 85.77 85.77
Indonesia Indonesia Russian Federation Ukraine South Korea Venezuela Japan	85.75 84.84 84.81 84.81 84.8 84.8 84.79
United States United States Turkey Turkey India Switzerland Vietnam	84.75 83.82 83.81 83.8 83.79 83.78 83.77
China China Oman Turkey Indonesia Argentina United States Venezuela	82.81 82.78 82.76 81.83 81.83 81.81 81.81
Venezuela Saudi Arabia China India Myanmar Belarus Bulgaria China Russian Federation	81.8 81.8 81.78 81.78 81.76 81.76 81.75
	80.85 80.83 80.82 80.81 80.8 80.78 80.78 80.77
China South Africa Peru Puerto Rico Iran Congo, The Democratic Republic of the Japan	80.77 79.81 79.81 79.8 79.8 79.78 79.75
Japan China Nigeria Oman South Africa United States Finland Germany	78.84 78.82 78.81 78.8 78.8 78.79 78.79 78.79
China Pakistan Egypt France Spain China France	78.77 77.84 77.81 77.81 77.8 77.79 77.78
Argentina Brazil United States China India Saudi Arabia Poland India	77.77 76.82 76.8 76.8 76.78 75.83 75.81 75.8

Query SELECT B.customer_id,D.city,E.country,SUM(A.amount) AS total_payment FROM payment A INNER JOIN customer B ON A.customer_id = B.customer_id INNER JOIN address C ON B.address_id = C.address_id INNER JOIN city D ON C.city_id = D.city_id INNER JOIN country E ON D.country_id = E.country_id WHERE D.city IN (SELECT C.city FROM customer A INNER JOIN address B ON A.address_id = B.address_id INNER JOIN city C ON B.city_id = C.city_id INNER JOIN country D ON C.country_ID = D.country_ID WHERE D.country IN (SELECT D.country FROM customer A INNER JOIN address B ON A.address_id = B.address_id INNER JOIN city C ON B.city_id = C.city_id INNER JOIN country D ON C.country_ID = D.country_ID GROUP BY D.country
ORDER BY COUNT(A.customer_id) DESC) GROUP BY C.city ORDER BY COUNT(A.customer_id) DESC) GROUP BY E.country, D.city, B.customer_id ORDER BY SUM(A.amount) DESC;