

# GLOBAL ACADEMY OF

# MATHEMATICAL AND ECONOMIC

# SCIENCES

*October 2021*

**SQL PORTFOLIO PROJECT**

Exploratory Data Analysis on International Debt Data Using SQL

**COURSE: DATA AND BA FOUNDATIONS**

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Track: Data Science Track

**Introduction**

**Proffessional Background**

A smart working and a fast-learning Engineering Graduate from the University of Lagos with an overall CGPA of 4.21 on a 5.0 scale and currently transitioning into Data Science. I am passionate about learning how to use data analytical tools such as Excel, SQL, Tableau, Power Bi to solve Business problems and real-world data problems.

* Proficient in Excel, Basic knowledge of Tableau, Power Bi, Intro to MySQl

to analyze Business problems and proffer solution.

* Good English communication skill used to communicate insight generated during analysis of business problem, and critical thinking problem-solving skills.
* Ability to collaborate and work as a team player

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**Project Description 3**

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About the Data

Introduction: The purpose of this project is to carry out Exploratory Data Analysis on the World Bank International Debt Statistics Data. In the CGA Data and BA Foundation course, we were taught how to use a data analytics tool called SQL where we were taught the basic knowledge of SQL such as what a Data base is, and the types of Data base which consist of Relational Database and Non-relational database. The Relational database consist of the Data Definition Language (DDL) and the Data Manipulation Language (DML). We want to use the knowledge learnt in SQL to solve problems on the World Bank International debt dataset.

The Dataset (IDS Data) comprises of a table with 29104 rows and 59 columns. The Columns are made of the County Name, Country Code, Indicator Name which specifies the purpose of taking the debt, Indicator code which symbolizes the category of these debt, and the different years column which the debt has accumulated from 1970-2024.

The SQLite Studio IDE was used in analyzing this dataset. The dataset was imported into the SQLite Studio and analyzed to answer the SQL Project Portfolio Questions.

The dataset was provided on Kaggle via the link https://www.kaggle.com/theworldbank/international-debt-statistics?select=IDSData.csv

The IDS Data describes the financial flow, trends in external debt and other major financial indicators for low-and-middle income countries. It consists of over 200 time series indicators from 1997 to 2016, for most reporting countries, and pipeline data for scheduled debt service payment on existing commitments to 2024, From the dataset, it can be seen that there are 136 unique country name and code, 214 unique Indicator name and code. It can be seen that the debt increases within 2years and decrease after a year and rises again.

Loading the Data: The steps taken to import the dataset into SQLite Studio are as follows:

* I downloaded the dataset from the CGA classroom under the SQL project portfolio project into my Pc
* I opened the SQLite Studio IDE on my computer, and created a database on my SQLite
* I selected the name of the database I want to import my dataset into, and I clicked on the Import icon on the tools bar to import the dataset as a table on my SQLite studio
* A dialog box appeared with the name of the selected database and a table box title and I inputted the name of the table to be imported
* I selected the directory of where the dataset is located on my pc, and checked the box first line represent csv columns, and also select the field separator as comma
* I clicked on the Finish button to import the dataset

After importing the data into the database on my SQLite studio, I double-clicked on the table name under the created database, and clicked on Data on the tools bar to visualize the dataset. There were 1000 rows per page and to navigate to the next page, I clicked on the right-faced arrow symbol. SQLite Studio loads the data page by page because it can view 1000 pages at a time, so for data more than 1000 rows, it displays them in group of 1000.

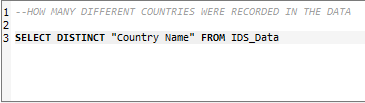
Analysis/Result

Question 1: Computing the number of distinct countries

There are 136 distinct countries in the dataset

Query and Table obtained

**Query**



**Table**

**Country Name**

**Afghanistan**

**Albania**

**Algeria**

**Angola**

**Argentina**

**Armenia**

**Azerbaijan**

**Bangladesh**

**Belarus**

**Belize**

**Benin**

**Bhutan**

**Bolivia**

**Bosnia and Herzegovina**

**Botswana**

**Brazil**

**Bulgaria**

**Burkina Faso**

**Burundi**

**Cabo Verde**

**Cambodia**

**Cameroon**

**Central African Republic**

**Chad**

**China**

**Colombia**

**Comoros**

**Congo, Dem. Rep.**

**Congo, Rep.**

**Costa Rica**

**Cote d'Ivoire**

**Djibouti**

**Dominica**

**Dominican Republic**

**East Asia & Pacific (excluding high income)**

**Ecuador**

**Egypt, Arab Rep.**

**El Salvador**

**Eritrea**

**Ethiopia**

**Europe & Central Asia (excluding high income)**

**Fiji**

**Gabon**

**Gambia, The**

**Georgia**

**Ghana**

**Grenada**

**Guatemala**

**Guinea**

**Guinea-Bissau**

**Guyana**

**Haiti**

**Honduras**

**IDA only**

**India**

**Indonesia**

**Iran, Islamic Rep.**

**Jamaica**

**Jordan**

**Kazakhstan**

**Kenya**

**Kosovo**

**Kyrgyz Republic**

**Lao PDR**

**Latin America & Caribbean (excluding high income)**

**Least developed countries: UN classification**

**Lebanon**

**Lesotho**

**Liberia**

**Low & middle income**

**Low income**

**Lower middle income**

**Macedonia, FYR**

**Madagascar**

**Malawi**

**Malaysia**

**Maldives**

**Mali**

**Mauritania**

**Mauritius**

**Mexico**

**Middle East & North Africa (excluding high income)**

**Middle income**

**Moldova**

**Mongolia**

**Montenegro**

**Morocco**

**Mozambique**

**Myanmar**

**Nepal**

**Nicaragua**

**Niger**

**Nigeria**

**Pakistan**

**Panama**

**Papua New Guinea**

**Paraguay**

**Peru**

**Philippines**

**Romania**

**Russian Federation**

**Rwanda**

**Samoa**

**Sao Tome and Principe**

**Senegal**

**Serbia**

**Sierra Leone**

**Solomon Islands**

**Somalia**

**South Africa**

**South Asia**

**Sri Lanka**

**St. Lucia**

**St. Vincent and the Grenadines**

**Sub-Saharan Africa (excluding high income)**

**Sudan**

**Swaziland**

**Syrian Arab Republic**

**Tajikistan**

**Tanzania**

**Thailand**

**Togo**

**Tonga**

**Tunisia**

**Turkey**

**Turkmenistan**

**Uganda**

**Ukraine**

**Upper middle income**

**Uzbekistan**

**Vanuatu**

**Venezuela, RB**

**Vietnam**

**Yemen, Rep.**

**Zambia**

**Zimbabwe**

Question 2

1. Computing the total number of indicator codes

There are 214 unique indicator codes which is to count the unique indicator code in the data and return the value

**Query**



**Table**



1. Retrieving the unique indicator codes

Query



Table

Indicator Code

DT.GPA.DPPG

DT.GPA.OFFT

DT.GPA.PRVT

DT.GRE.DPPG

DT.GRE.OFFT

DT.GRE.PRVT

DT.INR.DPPG

DT.INR.OFFT

DT.INR.PRVT

DT.MAT.DPPG

DT.MAT.OFFT

DT.MAT.PRVT

DT.COM.MIBR.CD

DT.COM.MIDA.CD

DT.COM.OFFT.CD

DT.COM.PRVT.CD

DT.COM.DPPG.CD

DT.DOD.ALLC.ZS

DT.CUR.OTHC.ZS

DT.CUR.DMAK.ZS

DT.CUR.EURO.ZS

DT.CUR.FFRC.ZS

DT.CUR.JYEN.ZS

DT.CUR.MULC.ZS

DT.CUR.UKPS.ZS

DT.CUR.SDRW.ZS

DT.CUR.SWFR.ZS

DT.CUR.USDL.ZS

BN.CAB.XOKA.CD

DT.DSB.DPPG.CD

DT.DOD.MDRI.CD

DT.DFR.DPPG.CD

DT.TDS.DLXF.CD

DT.TDS.DPNG.CD

DT.TDS.DPPG.CD

DT.TDS.DECT.CD

DT.DSF.DPPG.CD

DT.DXR.DPPG.CD

DT.DIS.DLXF.CD

DT.DIS.DLTF.CD

DT.DIS.DPNG.CD

DT.DIS.DPPG.CD

DT.NFL.NEBR.CD

BX.GSR.TOTL.CD

DT.DOD.DECT.EX.ZS

DT.DOD.DECT.GN.ZS

DT.DOD.ALLC.CD

DT.DOD.DLXF.CD

DT.DOD.PRVS.CD

DT.DOD.PUBS.CD

DT.DOD.DPNG.CD

DT.DOD.DPPG.CD

DT.DOD.DSTC.CD

DT.DOD.DECT.CD

DT.DOD.VTOT.CD

BX.KLT.DINV.CD.DT

NY.GNP.MKTP.CD

BX.GRT.EXTA.CD.DT

DT.DIS.IDAG.CD

DT.NFL.NIFC.CD

DT.INT.DIMF.CD

DT.DIS.DIMF.CD

DT.AMT.DIMF.CD

DT.TDS.DIMF.CD

BM.GSR.TOTL.CD

DT.IXA.DPPG.CD

DT.IXA.OFFT.CD

DT.IXA.PRVT.CD

DT.IXF.DPPG.CD

DT.INT.DECT.EX.ZS

DT.INT.DECT.GN.ZS

DT.INT.DLXF.CD

DT.INT.DPNG.CD

DT.INT.DPPG.CD

DT.INT.DSTC.CD

DT.INT.DECT.CD

DT.IXR.DPPG.CD

DT.IXR.OFFT.CD

DT.IXR.PRVT.CD

DT.DOD.MLAT.ZS

DT.TDS.MLAT.CD

DT.IXA.DPPG.CD.CG

DT.NFL.BLAT.CD

DT.NFL.MIBR.CD

DT.NFL.MIDA.CD

DT.NFL.IMFC.CD

DT.NFL.IMFN.CD

DT.NFL.MLAT.CD

DT.NFL.MOTH.CD

DT.NFL.RDBC.CD

DT.NFL.RDBN.CD

DT.NFL.DLXF.CD

DT.NFL.DPNG.CD

DT.NFL.DPPG.CD

DT.NFL.DSTC.CD

DT.NFL.DECT.CD

DT.NTR.DLXF.CD

DT.NTR.DPNG.CD

DT.NTR.DPPG.CD

DT.NTR.DECT.CD

BX.TRF.PWKR.CD.DT

DT.AMT.PNGB.CD

DT.DIS.PNGB.CD

DT.DOD.PNGB.CD

DT.INT.PNGB.CD

DT.NFL.PNGB.CD

DT.NTR.PNGB.CD

DT.TDS.PNGB.CD

DT.AMT.PNGC.CD

DT.DIS.PNGC.CD

DT.DOD.PNGC.CD

DT.INT.PNGC.CD

DT.NFL.PNGC.CD

DT.NTR.PNGC.CD

DT.TDS.PNGC.CD

BX.PEF.TOTL.CD.DT

DT.AMT.BLAT.CD

DT.DIS.BLAT.CD

DT.DOD.BLAT.CD

DT.INT.BLAT.CD

DT.NTR.BLAT.CD

DT.TDS.BLAT.CD

DT.AMT.BLTC.CD

DT.DIS.BLTC.CD

DT.DOD.BLTC.CD

DT.INT.BLTC.CD

DT.NFL.BLTC.CD

DT.NTR.BLTC.CD

DT.TDS.BLTC.CD

DT.AMT.PBND.CD

DT.DIS.PBND.CD

DT.DOD.PBND.CD

DT.INT.PBND.CD

DT.NFL.PBND.CD

DT.NTR.PBND.CD

DT.TDS.PBND.CD

DT.AMT.PCBK.CD

DT.DIS.PCBK.CD

DT.DOD.PCBK.CD

DT.INT.PCBK.CD

DT.NFL.PCBK.CD

DT.NTR.PCBK.CD

DT.TDS.PCBK.CD

DT.AMT.MIBR.CD

DT.DIS.MIBR.CD

DT.DOD.MIBR.CD

DT.INT.MIBR.CD

DT.NTR.MIBR.CD

DT.TDS.MIBR.CD

DT.AMT.MIDA.CD

DT.DIS.MIDA.CD

DT.DOD.MIDA.CD

DT.INT.MIDA.CD

DT.NTR.MIDA.CD

DT.TDS.MIDA.CD

DT.AMT.MLAT.CD

DT.DIS.MLAT.CD

DT.DOD.MLAT.CD

DT.INT.MLAT.CD

DT.NTR.MLAT.CD

DT.AMT.MLTC.CD

DT.DIS.MLTC.CD

DT.DOD.MLTC.CD

DT.INT.MLTC.CD

DT.NFL.MLTC.CD

DT.NTR.MLTC.CD

DT.TDS.MLTC.CD

DT.AMT.OFFT.CD

DT.DIS.OFFT.CD

DT.DOD.OFFT.CD

DT.INT.OFFT.CD

DT.NFL.OFFT.CD

DT.NTR.OFFT.CD

DT.TDS.OFFT.CD

DT.AMT.PROP.CD

DT.DIS.PROP.CD

DT.DOD.PROP.CD

DT.INT.PROP.CD

DT.NFL.PROP.CD

DT.NTR.PROP.CD

DT.TDS.PROP.CD

DT.AMT.PRVT.CD

DT.DIS.PRVT.CD

DT.DOD.PRVT.CD

DT.INT.PRVT.CD

DT.NFL.PRVT.CD

DT.NTR.PRVT.CD

DT.TDS.PRVT.CD

DT.DOD.PVLX.CD

BX.KLT.DREM.CD.DT

DT.AXA.DPPG.CD

DT.AXA.OFFT.CD

DT.AXA.PRVT.CD

DT.AXF.DPPG.CD

DT.AMT.DLXF.CD

DT.AMT.DLTF.CD

DT.AMT.DPNG.CD

DT.AMT.DPPG.CD

DT.AXR.DPPG.CD

DT.AXR.OFFT.CD

DT.AXR.PRVT.CD

DT.DOD.RSDL.CD

DT.DOD.DSTC.ZS

BX.GRT.TECH.CD.DT

DT.TXR.DPPG.CD

DT.DOD.DECT.CD.CG

DT.TDS.DECT.EX.ZS

FI.RES.TOTL.DT.ZS

FI.RES.TOTL.CD

FI.RES.TOTL.MO

DT.UND.OFFT.CD

DT.UND.PRVT.CD

DT.UND.DPPG.CD

DT.DOD.DIMF.CD

**Question 3: Computing the total debt owed by all countries in the following years**

1. 2000

Query



Table



1. 2001

Query

Table

1. 2002

Query



Table

1. 2007

Query

Table



1. 2008

Query



Table



1. 2009

Query



Table



1. 2013

Query



Table



1. 2014

Query



Table



1. 2015

Query



Table



1. 1998

Query



Table



**Question 4: Computing the total debt owed by Nigeria in:**

1. 1997

Query



Table



1. 1999

Query



Table



1. 2006

Query



Table

1. 2007

Query



Table



1. 2015

Query



Table



1. 2016

Query



Table



**Question 5: Computing the maximum debt owed by Nigeria in:**

1. 2007

Query



Table



1. 2008

Query

Table



1. 2009

Query



Table



**Question 6: Computing the minimum debt owed by Nigeria in:**

1. 2007

Query



Table



1. 2008

Query



Table



1. 2009

Query



Table



**Question 7: (a) Computing the year Nigeria has the largest interest arrears from private creditors**

Query



Table



**(b) Computing the year Nigeria has the largest multilateral debt**

Query



Table

**Question 8: Computing the maximum debt owed by each country in descending order in:**

1. 1998

Query



Table

Country Name Country Code MAX\_debt\_1998

Low & middle income LMY 5349727959545

Middle income MIC 5264386028207

Upper middle income UMC 4113666206681

Latin America & Caribbean (excluding high income) LAC 1989248944615

East Asia & Pacific (excluding high income) EAP 1408379691498

Lower middle income LMC 11500 75193533

China CHN 1012399898539

Brazil BRA 825536162860

Europe & Central Asia (excluding high income) ECA 730100932894

South Asia SAS 548608847956

Mexico MEX 488743878655

India IND 412172334674

Middle East & North Africa (excluding high income) MNA 352898090354

Sub-Saharan Africa (excluding high income) SSA 319483084453

Argentina ARG 291542000000

Turkey TUR 272783428653

Russian Federation RUS 259163116950

IDA only IDX 217950936563

Least developed countries: UN classification LDC 172291572603

Indonesia IDN 151466804000

South Africa ZAF 134611001573

Iran, Islamic Rep. IRN 111044015464

Thailand THA 109263746572

Colombia COL 96684703747

Venezuela,RB VEN 88797407048

Low income LIC 86264236512

Egypt, Arab Rep. EGY 86042107526

Malaysia MYS 84941678611

Philippines PHL 82605905585

Pakistan PAK 61626071021

Peru PER 54297546652

Bangladesh BGD 51415660792

Algeria DZA 46187747554

Romania ROU 41478566020

Ukraine UKR 41038579365

Morocco MAR 41009198221

Nigeria NGA 30313711000

Ecuador ECU 26810811405

Vietnam VNM 26708470549

Syrian Arab Republic SYR 23313074000

Kazakhstan KAZ 21828645413

Tunisia TUN 20936155264

Dominican Republic DOM 20281411877

Guatemala GTM 19242282960

Serbia SRB 18227864876

Lebanon LBN 17394179001

Sudan SDN 16843013000

Sri Lanka LKA 15545384018

Belarus BLR 15129114828

Uzbekistan UZB 14887971210

Cote d'Ivoire CIV 14851812000

Bulgaria BGR 14347 481197

Kenya KEN 13964091742

Congo, Dem. Rep. COD 13202856000

Costa Rica CRI 13148895420

El Salvador SLV 11845400000

Cameroon CMR 11317974000

Panama PAN 11089327500

Angola AGO 10784070000

Ethiopia ETH 10360525000

Tanzania TZA 9240180408

Jamaica JAM 8416706684

Bolivia BOL 8335358723

Paraguay PRY 8276443984

Jordan JOR 7774398307

Ghana GHA 7329127595

Zambia ZMB 6870439000

Uganda UGA 6576315846

Mozambique MOZ 6555480000

Nicaragua NIC 6379426000

Zimbabwe ZWE 6016968200

Yemen, Rep. YEM 5967611967

Botswana BWA 5940671354

Myanmar MMR 5510861000

Congo, Rep. COG 5100296000

Honduras HND 5099265000

Senegal SEN 4974446151

Bosnia and Herzegovina BIH 4925981246

Nepal NPL 4863055044

Azerbaijan AZE 4433134258

Gabon GAB 4428251000

Madagascar MDG 4393984000

Mauritius MUS 4143114543

Georgia GEO 3805176980

Haiti HTI 3732006549

Guinea GIN 3555861000

Papua New Guinea PNG 3523685308

Macedonia, FYR MKD 3517543102

Mali MLI 3204823000

Cambodia KHM 3066048888

Burkina Faso BFA 2802106121

Albania ALB 2783856670

Turkmenistan TKM 2638328055

Somalia SOM 2635038000

Liberia LBR 2561188000

Lao PDR LAO 2459335000

Benin BEN 2441702752

Malawi MWI 2438888000

Mauritania MRT 2390770000

Niger NER 2053176239

Rwanda RWA 1970083495

Armenia ARM 1954126437

Chad TCD 1744116378

Moldova MDA 1673997206

Swaziland SWZ 1633798111

Fiji FJI 1601167706

Kyrgyz Republic KGZ 1566812898

Togo TGO 1563958018

Guyana GUY 1480769000

Sierra Leone SLE 1314137000

Tajikistan TJK 1287057301

Lesotho LSO 1192068339

Mongolia MNG 1124839904

Burundi BDI 1121825243

Guinea-Bissau GNB 970399000

Central African Republic CAF 948607846

Gambia, The GMB 814984158

Eritrea ERI 749833860

St. Lucia LCA 739075000

Belize BLZ 656892450

Djibouti DJI 524854156

Cabo Verde CPV 516378634

Maldives MDV 511936219

Solomon Islands SLB 463977012

Grenada GRD 422659154

St. Vincent and the Grenadines VCT 359905037

Bhutan BTN 320648737

Samoa WSM 270518186

Sao Tome and Principe STP 258263000

Vanuatu VUT 254001252

Dominica DMA 242990740

Comoros COM 232229000

Tonga TON 196565683

Kosovo XKX 100

Montenegro MNE 0

Afghanistan AFG 0

1. 1999

Query



Table

Country Name Country Code MAX\_debt\_1999

Low & middle income LMY 5211729517360

Middle income MIC 5126361286792

Upper middle income UMC 3882681465444

Latin America & Caribbean (excluding high income) LAC 1775638488234

East Asia & Pacific (excluding high income) EAP 1548290944161

Lower middle income LMC 1244167125844

China CHN 1079527197613

Europe & Central Asia (excluding high income) ECA 613880289241

South Asia SAS 588039679239

Brazil BRA 568078572215

Mexico MEX 566629457449

India IND 449139069605

Middle East & North Africa (excluding high income) MNA 363612532267

Sub-Saharan Africa (excluding high income) SSA 322148087330

Argentina ARG 276059000000

Turkey TUR 252347441141

IDA only IDX 220357478394

Russian Federation RUS 188189767668

Least developed countries: UN classification LDC 173791865512

Indonesia IDN 151788588000

South Africa ZAF 133423684425

Thailand THA 122785366150

Iran, Islamic Rep. IRN 112932726152

Malaysia MYS 97970763157

Venezuela, RB VEN 96523845468

Philippines PHL 94451002770

Egypt, Arab Rep. EGY 91715104806

Low income LIC 85587667466

Colombia COL 84672007840

Pakistan PAK 62426345308

Bangladesh BGD 52841410149

Peru PER 49075285526

Algeria DZA 46350610157

Morocco MAR 40872937344

Romania ROU 35746202373

Nigeria NGA 34395096606

Ukraine UKR 30711639050

Vietnam VNM 28301538111

Syrian Arab Republic SYR 22960720000

Tunisia TUN 22039538020

Dominican Republic DOM 20734855940

Ecuador ECU 19159134000

Serbia SRB 18294665343

Guatemala GTM 18118154167

Lebanon LBN 17599056368

Uzbekistan UZB 16910465982

Kazakhstan KAZ 16302017134

Sudan SDN 16203845000

Sri Lanka LKA 15373003963

Bulgaria BGR 13310365511

Cote d'Ivoire CIV 13221902000

Kenya KEN 12723150903

Costa Rica CRI 12373995993

El Salvador SLV 12182500000

Congo, Dem. Rep. COD 12166588000

Belarus BLR 12096485328

Panama PAN 11475450500

Cameroon CMR 10765386000

Angola AGO 10673235000

Tanzania TZA 9602846070

Jamaica JAM 8471089285

Jordan JOR 8106199000

Bolivia BOL 8088992533

Paraguay PRY 7657344702

Ethiopia ETH 7648343134

Ghana GHA 7555452363

Yemen, Rep. YEM 6945340964

Zimbabwe ZWE 6502724000

Nicaragua NIC 6409337000

Botswana BWA 6228827128

Uganda UGA 5984563257

Zambia ZMB 5953053000

Myanmar MMR 5907562000

Honduras HND 5582559000

Mozambique MOZ 5573511000

Bosnia and Herzegovina BIH 5413652015

Senegal SEN 5051305253

Nepal NPL 5045642384

Congo, Rep. COG 5028225000

Madagascar MDG 4781747000

Azerbaijan AZE 4536302414

Mauritius MUS 4267588097

Haiti HTI 4158172931

Gabon GAB 4094076970

Macedonia, FYR MKD 3601088261

Albania ALB 3490535506

Cambodia KHM 3421151872

Mali MLI 3394863473

Guinea GIN 3382322291

Papua New Guinea PNG 3191776731

Burkina Faso BFA 2988520581

Georgia GEO 2945273401

Malawi MWI 2757064000

Turkmenistan TKM 2732208000

Benin BEN 2677449098

Somalia SOM 2624763000

Liberia LBR 2588479000

Lao PDR LAO 2559998000

Mauritania MRT 2545605000

Niger NER 1998515205

Armenia ARM 1900422181

Fiji FJI 1877335499

Kyrgyz Republic KGZ 1852208000

Rwanda RWA 1805703327

Swaziland SWZ 1635603371

Togo TGO 1538398000

Chad TCD 1533049608

Guyana GUY 1433423000

Tajikistan TJK 1381613000

Sierra Leone SLE 1319225000

Moldova MDA 1195375049

Lesotho LSO 1195118454

Burundi BDI 1153732063

Mongolia MNG 1057508580

Central African Republic CAF 991334220

Guinea-Bissau GNB 940380000

Gambia, The GMB 785843994

St. Lucia LCA 734012592

Eritrea ERI 695019380

Belize BLZ 692591600

Cabo Verde CPV 583542586

Maldives MDV 558212710

Djibouti DJI 548460197

Solomon Islands SLB 476414046

Grenada GRD 455709371

St. Vincent and the Grenadines VCT 371259888

Bhutan BTN 347438039

Sao Tome and Principe STP 321784000

Vanuatu VUT 262899225

Samoa WSM 259390321

Dominica DMA 242196296

Comoros COM 233861000

Tonga TON 199611865

Kosovo XKX 75994000

Montenegro MNE 0

Afghanistan AFG 0

1. 2001

Query



Table

Country Name Country Code MAX\_debt\_2001

Low & middle income LMY 5765345925602

Middle income MIC 5676754093995

Upper middle income UMC 4344212712031

Latin America & Caribbean (excluding high income) LAC 1922536826260

East Asia & Pacific (excluding high income) EAP 1821507628409

Lower middle income LMC 1332660084197

China CHN 1320223266603

Mexico MEX 710857262697

Europe & Central Asia (excluding high income) ECA 681384364399

South Asia SAS 627039834869

Brazil BRA 534237309752

India IND 474757798624

Middle East & North Africa (excluding high income) MNA 396916968638

Sub-Saharan Africa (excluding high income) SSA 315787397287

Russian Federation RUS 302364673980

Argentina ARG 260970000000

IDA only IDX 234338426305

Turkey TUR 195254104151

Least developed countries: UN classification LDC 186629850299

Indonesia IDN 154497031123

Iran, Islamic Rep. IRN 126925377379

Venezuela, RB VEN 120884055133

South Africa ZAF 117778629589

Thailand THA 116932564216

Malaysia MYS 104209737105

Egypt, Arab Rep. EGY 98703508737

Colombia COL 95779461712

Philippines PHL 90090735243

Low income LIC 88636105651

Pakistan PAK 71373943661

Bangladesh BGD 55629781319

Algeria DZA 53149297416

Peru PER 50929112710

Romania ROU 40464287808

Nigeria NGA 40042783070

Morocco MAR 38726668265

Ukraine UKR 37342344576

Vietnam VNM 34854002605

Dominican Republic DOM 23800945874

Ecuador ECU 23133356700

Tunisia TUN 21154514492

Syrian Arab Republic SYR 21108372000

Kazakhstan KAZ 20915728088

Guatemala GTM 18634402590

Lebanon LBN 17575751243

Sri Lanka LKA 15464538256

Costa Rica CRI 15164468026

Sudan SDN 15030792000

Bulgaria BGR 14160294044

El Salvador SLV 13547000000

Kenya KEN 12838507613

Serbia SRB 12478684000

Belarus BLR 12304020143

Panama PAN 11948812600

Jordan JOR 11885713000

Congo, Dem. Rep. COD 11623275000

Cote d'Ivoire CIV 11619286000

Uzbekistan UZB 11196351420

Tanzania TZA 10062777291

Cameroon CMR 9748845000

Yemen, Rep. YEM 9170573372

Angola AGO 8776913000

Jamaica JAM 8638439711

Ethiopia ETH 8180069459

Bolivia BOL 7930365405

Honduras HND 7310338438

Ghana GHA 6860996000

Paraguay PRY 6742490889

Myanmar MMR 6471516939

Zimbabwe ZWE 6447326200

Nicaragua NIC 6386367000

Bosnia and Herzegovina BIH 6287487417

Zambia ZMB 6189777000

Nepal NPL 6030204081

Botswana BWA 5897249817

Uganda UGA 5659788192

Azerbaijan AZE 5371631053

Congo, Rep. COG 4820672000

Senegal SEN 4799782720

Mauritius MUS 4550029781

Mozambique MOZ 4541128745

Madagascar MDG 4470148537

Gabon GAB 4389710772

Albania ALB 4187602812

Cambodia KHM 3842634360

Macedonia, FYR MKD 3682393507

Haiti HTI 3596850290

Turkmenistan TKM 3429771986

Mali MLI 3299284699

Georgia GEO 3251966696

Liberia LBR 3035973000

Guinea GIN 2924009000

Papua New Guinea PNG 2831567410

Burkina Faso BFA 2788422512

Benin BEN 2665637616

Malawi MWI 2591701000

Lao PDR LAO 2585719000

Somalia SOM 2580042000

Mauritania MRT 2297436000

Armenia ARM 2182923204

Niger NER 1930329244

Kyrgyz Republic KGZ 1823859000

Moldova MDA 1790543000

Chad TCD 1686819159

Rwanda RWA 1652400416

Fiji FJI 1646178072

Swaziland SWZ 1644811373

Togo TGO 1422895000

Guyana GUY 1327497000

Mongolia MNG 1265989177

Sierra Leone SLE 1256747000

Lesotho LSO 1194386614

Tajikistan TJK 1162076000

Burundi BDI 1093536451

Central African Republic CAF 924010113

Guinea-Bissau GNB 903109000

Maldives MDV 845779436

Belize BLZ 804791250

Eritrea ERI 750010831

St. Lucia LCA 703295000

Gambia, The GMB 656184060

Djibouti DJI 584917440

Cabo Verde CPV 556963916

Grenada GRD 478999740

Bhutan BTN 476123551

St. Vincent and the Grenadines VCT 413557037

Solomon Islands SLB 402963452

Dominica DMA 318012333

Sao Tome and Principe STP 308356000

Samoa WSM 274468573

Vanuatu VUT 253926881

Comoros COM 244900000

Tonga TON 180105303

Kosovo XKX 69583000

Montenegro MNE 0

Afghanistan AFG 0

1. 2010

Query



Table

Country Name Country Code MAX\_debt\_2010

Sao Tome and Principe STP 198044427

Tonga TON 381371299

Dominica DMA 484383222

Comoros COM 529642819

Solomon Islands SLB 610898948

Samoa WSM 624749623

St. Vincent and the Grenadines VCT 668947037

Vanuatu VUT 675721146

Grenada GRD 731138259

Djibouti DJI 778534000

Gambia, The GMB 944381893

Guinea-Bissau GNB 1108949000

St. Lucia LCA 1202325296

Belize BLZ 1303110000

Cabo Verde CPV 1591147121

Liberia LBR 1804651781

Central African Republic CAF 1995649833

Maldives MDV 2012148843

Burundi BDI 2014764469

Eritrea ERI 2097411538

Guyana GUY 2272061199

Sierra Leone SLE 2645049920

Togo TGO 2761612188

Lesotho LSO 3031333661

Fiji FJI 3043130949

Somalia SOM 3045469000

Bhutan BTN 3063660000

Montenegro MNE 4110399867

Swaziland SWZ 4212627103

Mauritania MRT 4274665121

Guinea GIN 4302274718

Kyrgyz Republic KGZ 4489298355

Niger NER 5674417311

Rwanda RWA 5731131723

Kosovo XKX 5918807947

Moldova MDA 6296583476

Mongolia MNG 6591134436

Haiti HTI 6644821528

Lao PDR LAO 6675875806

Malawi MWI 6851198433

Benin BEN 6916757693

Tajikistan TJK 6969149097

Nicaragua NIC 8508922328

Madagascar MDG 8636905820

Congo, Rep. COG 9024207604

Papua New Guinea PNG 9123670262

Burkina Faso BFA 9202852644

Macedonia, FYR MKD 9276084673

Zimbabwe ZWE 9444218400

Armenia ARM 9718566372

Mozambique MOZ 9813293356

Mali MLI 10259757670

Chad TCD 10302348837

Cambodia KHM 10727606651

Georgia GEO 11279109240

Mauritius MUS 11377585548

Albania ALB 11807799816

Botswana BWA 12237098092

Gabon GAB 12472296424

Senegal SEN 12787054487

Jamaica JAM 14193368000

Honduras HND 15110478377

Afghanistan AFG 15998801042

Nepal NPL 16124973167

Bosnia and Herzegovina BIH 17443652332

Paraguay PRY 18618461418

Bolivia BOL 18785524235

Zambia ZMB 18902544203

Congo, Dem. Rep. COD 19612504707

Uganda UGA 19842032854

Turkmenistan TKM 20689157894

El Salvador SLV 20880140000

Syrian Arab Republic SYR 21235313789

Cameroon CMR 23358489263

Cote d'Ivoire CIV 23972203265

Jordan JOR 26210731549

Yemen, Rep. YEM 29087765768

Ethiopia ETH 29825574928

Tanzania TZA 31077825608

Ghana GHA 31640997973

Costa Rica CRI 36060012376

Lebanon LBN 37501050248

Serbia SRB 38568511840

Kenya KEN 39852031724

Guatemala GTM 40093479926

Uzbekistan UZB 40527781551

Tunisia TUN 41983512644

Panama PAN 48951402000

Myanmar MMR 49528735012

Azerbaijan AZE 49734894730

Bulgaria BGR 50634696000

Dominican Republic DOM 51997530107

Sri Lanka LKA 56108610571

Belarus BLR 56135455492

Sudan SDN 60506632350

Ecuador ECU 68509925400

Angola AGO 74384051251

Morocco MAR 91932709214

Vietnam VNM 111512775426

Bangladesh BGD 124617096900

Kazakhstan KAZ 128676481286

Ukraine UKR 134004155905

Peru PER 136316800537

Algeria DZA 162614483994

Romania ROU 165462522861

Pakistan PAK 184163841544

Egypt, Arab Rep. EGY 214525524816

Malaysia MYS 246904473627

Low income LIC 255032896758

Philippines PHL 265931207700

Colombia COL 275804936413

Thailand THA 326815629763

Nigeria NGA 349553350986

South Africa ZAF 367345380538

Venezuela, RB VEN 388339779692

Argentina ARG 409147898267

Iran, Islamic Rep. IRN 467869970238

Least developed countries: UN classification LDC 631244710998

IDA only IDX 716959571579

Indonesia IDN 734988313483

Turkey TUR 765361943465

Mexico MEX 1061247046771

Middle East & North Africa (excluding high income) MNA 1129976070563

Sub-Saharan Africa (excluding high income) SSA 1263086441859

Russian Federation RUS 1477812904649

India IND 1638663459971

South Asia SAS 2039186423611

Brazil BRA 2144023988176

Europe & Central Asia (excluding high income) ECA 3013838965474

Lower middle income LMC 4635161336015

Latin America & Caribbean (excluding high income) LAC 4746137572535

China CHN 6074549133716

East Asia & Pacific (excluding high income) EAP 7848570072993

Upper middle income UMC 15153449276129

Middle income MIC 19787407902483

Low & middle income LMY 20042452779266

1. 2012

Query



Table

Country Name Country Code MAX\_debt\_2012

Low & middle income LMY 25212032891777

Middle income MIC 24894555789265

Upper middle income UMC 19419339360041

East Asia & Pacific (excluding high income) EAP 10679468252762

China CHN 8540730003326

Lower middle income LMC 5471838425110

Latin America & Caribbean (excluding high income) LAC 5441950709833

Europe & Central Asia (excluding high income) ECA 3900146977198

Brazil BRA 2412853924530

South Asia SAS 2297797176153

Russian Federation RUS 2101977806084

India IND 1806177662220

Sub-Saharan Africa (excluding high income) SSA 1495783121328

Middle East & North Africa (excluding high income) MNA 1393185780176

Mexico MEX 1184279099965

Indonesia IDN 891961466849

Turkey TUR 867392840596

IDA only IDX 856277418668

Least developed countries: UN classification LDC 769162593279

Iran, Islamic Rep. IRN 588881588734

Argentina ARG 533144916318

Nigeria NGA 438813546982

South Africa ZAF 385568209500

Thailand THA 379344338241

Venezuela,RB VEN 371208188282

Colombia COL 354654633237

Low income LIC 317563129193

Malaysia MYS 302839290339

Philippines PHL 301387678551

Egypt, Arab Rep. EGY 278291867545

Pakistan PAK 235976451836

Algeria DZA 205175260704

Peru PER 180249866513

Kazakhstan KAZ 179894526615

Ukraine UKR 172813039669

Romania ROU 168704421890

Vietnam VNM 149569185711

Bangladesh BGD 144641656947

Angola AGO 104976617753

Morocco MAR 96282277131

Ecuador ECU 86623056900

Sri Lanka LKA 67220575627

Azerbaijan AZE 65739180244

Belarus BLR 64212887309

Sudan SDN 62417184438

Panama PAN 61481232000

Dominican Republic DOM 58214045121

Myanmar MMR 57974204662

Uzbekistan UZB 54106260050

Bulgaria BGR 53180876478

Kenya KEN 50097078419

Guatemala GTM 49115954861

Costa Rica CRI 44992549183

Ethiopia ETH 43214529006

Tunisia TUN 43139659261

Lebanon LBN 43002795854

Ghana GHA 39809765731

Serbia SRB 39334900475

Tanzania TZA 38509578838

Yemen, Rep. YEM 33831696502

Turkmenistan TKM 31835210526

Jordan JOR 30549249436

Cote d'Ivoire CIV 26178127365

Cameroon CMR 26026645434

Congo, Dem. Rep. COD 25867037185

Bolivia BOL 25455219594

Zambia ZMB 25169914731

Uganda UGA 23045408239

Paraguay PRY 22935727765

El Salvador SLV 22922330000

Afghanistan AFG 20848674602

Nepal NPL 19003217735

Bosnia and Herzegovina BIH 17341361647

Honduras HND 17246974498

Georgia GEO 15700109852

Gabon GAB 15457856106

Mongolia MNG 15384510000

Papua New Guinea PNG 14922492000

Botswana BWA 14729750531

Jamaica JAM 14602817575

Mozambique MOZ 14494893755

Senegal SEN 13900878558

Cambodia KHM 13324765051

Zimbabwe ZWE 13202589700

Albania ALB 12228020293

Chad TCD 12068380777

Mali MLI 11941110863

Mauritius MUS 11708352745

Armenia ARM 11042374048

Burkina Faso BFA 10720553974

Congo, Rep. COG 10541860825

Nicaragua NIC 10217601129

Tajikistan TJK 9744219368

Madagascar MDG 9605057504

Lao PDR LAO 9583020455

Macedonia, FYR MKD 9534214247

Moldova MDA 8100956578

Benin BEN 8085816012

Haiti HTI 7954466507

Rwanda RWA 7221285014

Niger NER 6806859286

Kosovo XKX 6671077990

Kyrgyz Republic KGZ 6619476015

Malawi MWI 5892672023

Guinea GIN 5234948923

Mauritania MRT 5034932807

Syrian Arab Republic SYR 4747401000

Swaziland SWZ 4506003539

Montenegro MNE 4156884106

Sierra Leone SLE 3924034071

Fiji FJI 3835130454

Togo TGO 3282166607

Lesotho LSO 3093300852

Somalia SOM 3054629000

Guyana GUY 2852396990

Maldives MDV 2490112955

Burundi BDI 2463262534

Liberia LBR 2317133918

Central African Republic CAF 2195405955

Bhutan BTN 2067087000

Cabo Verde CPV 1676759108

Belize BLZ 1455363003

St. Lucia LCA 1265227740

Guinea-Bissau GNB 994713353

Eritrea ERI 994095000

Solomon Islands SLB 931421171

Gambia, The GMB 893932356

Djibouti DJI 811674000

Grenada GRD 765599851

Samoa WSM 764392547

Vanuatu VUT 734072173

St. Vincent and the Grenadines VCT 689114592

Comoros COM 569173177

Tonga TON 483741382

Dominica DMA 476374468

Sao Tome and Principe STP 247866519

1. 2012

Query



Table

Country Name Country Code MAX\_debt\_2012

Low & middle income LMY 25212032891777

Middle income MIC 24894555789265

Upper middle income UMC 19419339360041

East Asia & Pacific (excluding high income) EAP 10679468252762

China CHN 8540730003326

Lower middle income LMC 5471838425110

Latin America & Caribbean (excluding high income) LAC 5441950709833

Europe & Central Asia (excluding high income) ECA 3900146977198

Brazil BRA 2412853924530

South Asia SAS 2297797176153

Russian Federation RUS 2101977806084

India IND 1806177662220

Sub-Saharan Africa (excluding high income) SSA 1495783121328

Middle East & North Africa (excluding high income) MNA 1393185780176

Mexico MEX 1184279099965

Indonesia IDN 891961466849

Turkey TUR 867392840596

IDA only IDX 856277418668

Least developed countries: UN classification LDC 769162593279

Iran, Islamic Rep. IRN 588881588734

Argentina ARG 533144916318

Nigeria NGA 438813546982

South Africa ZAF 385568209500

Thailand THA 379344338241

Venezuela, RB VEN 371208188282

Colombia COL 354654633237

Low income LIC 317563129193

Malaysia MYS 302839290339

Philippines PHL 301387678551

Egypt, Arab Rep. EGY 278291867545

Pakistan PAK 235976451836

Algeria DZA 205175260704

Peru PER 180249866513

Kazakhstan KAZ 179894526615

Ukraine UKR 172813039669

Romania ROU 168704421890

Vietnam VNM 149569185711

Bangladesh BGD 144641656947

Angola AGO 104976617753

Morocco MAR 96282277131

Ecuador ECU 86623056900

Sri Lanka LKA 67220575627

Azerbaijan AZE 65739180244

Belarus BLR 64212887309

Sudan SDN 62417184438

Panama PAN 61481232000

Dominican Republic DOM 58214045121

Myanmar MMR 57974204662

Uzbekistan UZB 54106260050

Bulgaria BGR 53180876478

Kenya KEN 50097078419

Guatemala GTM 49115954861

Costa Rica CRI 44992549183

Ethiopia ETH 43214529006

Tunisia TUN 43139659261

Lebanon LBN 43002795854

Ghana GHA 39809765731

Serbia SRB 39334900475

Tanzania TZA 38509578838

Yemen, Rep. YEM 33831696502

Turkmenistan TKM 31835210526

Jordan JOR 30549249436

Cote d'Ivoire CIV 26178127365

Cameroon CMR 26026645434

Congo, Dem. Rep. COD 25867037185

Bolivia BOL 25455219594

Zambia ZMB 25169914731

Uganda UGA 23045408239

Paraguay PRY 22935727765

El Salvador SLV 22922330000

Afghanistan AFG 20848674602

Nepal NPL 19003217735

Bosnia and Herzegovina BIH 17341361647

Honduras HND 17246974498

Georgia GEO 15700109852

Gabon GAB 15457856106

Mongolia MNG 15384510000

Papua New Guinea PNG 14922492000

Botswana BWA 14729750531

Jamaica JAM 14602817575

Mozambique MOZ 14494893755

Senegal SEN 13900878558

Cambodia KHM 13324765051

Zimbabwe ZWE 13202589700

Albania ALB 12228020293

Chad TCD 12068380777

Mali MLI 11941110863

Mauritius MUS 11708352745

Armenia ARM 11042374048

Burkina Faso BFA 10720553974

Congo, Rep. COG 10541860825

Nicaragua NIC 10217601129

Tajikistan TJK 9744219368

Madagascar MDG 9605057504

Lao PDR LAO 9583020455

Macedonia, FYR MKD 9534214247

Moldova MDA 8100956578

Benin BEN 8085816012

Haiti HTI 7954466507

Rwanda RWA 7221285014

Niger NER 6806859286

Kosovo XKX 6671077990

Kyrgyz Republic KGZ 6619476015

Malawi MWI 5892672023

Guinea GIN 5234948923

Mauritania MRT 5034932807

Syrian Arab Republic SYR 4747401000

Swaziland SWZ 4506003539

Montenegro MNE 4156884106

Sierra Leone SLE 3924034071

Fiji FJI 3835130454

Togo TGO 3282166607

Lesotho LSO 3093300852

Somalia SOM 3054629000

Guyana GUY 2852396990

Maldives MDV 2490112955

Burundi BDI 2463262534

Liberia `LBR 2317133918

Central African Republic CAF 2195405955

Bhutan BTN 2067087000

Cabo Verde CPV 1676759108

Belize BLZ 1455363003

St. Lucia LCA 1265227740

Guinea-Bissau GNB 994713353

Eritrea ERI 994095000

Solomon Islands SLB 931421171

Gambia, The GMB 893932356

Djibouti DJI 811674000

Grenada GRD 765599851

Samoa WSM 764392547

Vanuatu VUT 734072173

St. Vincent and the Grenadines VCT 689114592

Comoros COM 569173177

Tonga TON 483741382

Dominica DMA 476374468

Sao Tome and Principe STP 247866519

1. 2015

Query



Table

Country Name Country Code MAX\_debt\_2015

Low & middle income LMY 26419493091572

Middle income MIC 26054963416639

Upper middle income UMC 20048840684265

East Asia & Pacific (excluding high income) EAP 13180306215941

China CHN 11018570855078

Lower middle income LMC 6000584664217

Latin America & Caribbean (excluding high income) LAC 4724308985690

Europe & Central Asia (excluding high income) ECA 3002312101974

South Asia SAS 2707458749658

India IND 2087090039379

Brazil BRA 1764744657188

Sub-Saharan Africa (excluding high income) SSA 1520070729103

Russian Federation RUS 1328995565729

Middle East & North Africa (excluding high income)MNA 1218487865800

Mexico MEX 1142587976376

IDA only IDX 1016605091989

Least developed countries: UN classification LDC 901975761110

Turkey TUR 849741637728

Indonesia IDN 833001040134

Argentina ARG 573534595401

Nigeria NGA 470329009363

Thailand THA 378533215369

Low income LIC 364112493010

Philippines PHL 354144234958

Egypt, Arab Rep. EGY 331921954340

South Africa ZAF 309540242497

Malaysia MYS 287975419280

Pakistan PAK 287561565937

Colombia COL 285984672787

Bangladesh BGD 207742575091

Vietnam VNM 183320503554

Peru PER 181552886756

Romania ROU 173374763462

Kazakhstan KAZ 172948125701

Algeria DZA 160467149210

Venezuela, RB VEN 124386152000

Ukraine UKR 121332110000

Morocco MAR 98706102844

Ecuador ECU 98440071500

Iran, Islamic Rep. IRN 98356000000

Angola AGO 97822632107

Panama PAN 88566149000

Sudan SDN 88341566666

Sri Lanka LKA 78541163533

Uzbekistan UZB 68363504142

Dominican Republic DOM 65075518092

Ethiopia ETH 64202431083

Kenya KEN 63083473892

Guatemala GTM 62199797199

Myanmar MMR 58799476831

Belarus BLR 53995389390

Costa Rica CRI 52428810030

Azerbaijan AZE 51046554753

Bulgaria BGR 49190408637

Lebanon LBN 46548703150

Tanzania TZA 44867270135

Tunisia TUN 41824530995

Jordan JOR 37084875070

Ghana GHA 36411505262

Yemen, Rep. YEM 36379650335

Serbia SRB 35326609786

Turkmenistan TKM 34129128571

Congo, Dem. Rep. COD 33397592589

Bolivia BOL 31873198263

Cote d'Ivoire CIV 31821243237

Cameroon CMR 27979227305

Uganda UGA 27412103085

Paraguay PRY 25783198388

El Salvador SLV 24961610000

Nepal NPL 21657732319

Mongolia MNG 21542455000

Zambia ZMB 20807479783

Papua New Guinea PNG 20493966000

Afghanistan AFG 19880386414

Honduras HND 19453451612

Cambodia KHM 16944761320

Bosnia and Herzegovina BIH 16251204990

Zimbabwe ZWE 15405229000

Georgia GEO 14817264000

Mauritius MUS 14642562000

Mozambique MOZ 14574754915

Botswana BWA 14128072976

Jamaica JAM 14108990000

Lao PDR LAO 13750366309

Senegal SEN 13237706540

Gabon GAB 13068123827

Nicaragua NIC 12402641539

Mali MLI 12352234321

Albania ALB 11280834946

Armenia ARM 10964557495

Burkina Faso BFA 10811530894

Chad TCD 10557016617

Macedonia, FYR MKD 9734800448

Tajikistan TJK 9379676396

Madagascar MDG 9362686490

Haiti HTI 8759836126

Congo, Rep. COG 8465696103

Benin BEN 8263954910

Rwanda RWA 8059917741

Kyrgyz Republic KGZ 7510751000

Niger NER 7079378712

Moldova MDA 6973100937

Kosovo XKX 6543196184

Guinea GIN 6225650528

Malawi MWI 6206635071

Somalia SOM 5458000000

Syrian Arab Republic SYR 4793060000

Mauritania MRT 4663755438

Sierra Leone SLE 4195109987

Fiji FJI 4169960059

Montenegro MNE 4122808805

Swaziland SWZ 3852731720

Togo TGO 3711095706

Guyana GUY 3203772397

Maldives MDV 3154755348

Burundi BDI 3090096309

Liberia LBR 2983372400

Lesotho LSO 2614645463

Bhutan BTN 2013104000

Belize BLZ 1647079992

Central African Republic CAF 1590745516

Cabo Verde CPV 1540491000

St. Lucia LCA 1409180851

Djibouti DJI 1360460274

Solomon Islands SLB 1121078499

Guinea-Bissau GNB 1053021165

Grenada GRD 950370370

Gambia, The GMB 909968844

Eritrea ERI 873145000

Samoa WSM 787976511

St. Vincent and the Grenadines VCT 734475296

Comoros COM 569540189

Vanuatu VUT 516376676

Dominica DMA 499788888

Tonga TON 436530325

Sao Tome and Principe STP 317642423

**Question 9: Computing the Country with the largest debt in:**

1. 2003

Query



Table

Country Name Country Code max\_debt\_2003

Low & middle income LMY 6664742056029

1. 2004

Query



Table

Country Name Country Code max\_debt\_2004

Low & middle income LMY 7919775312338

1. 2005

Query



Table

Country Name Country Code max\_debt\_2005

Low & middle income LMY 9412275600115

1. 2008

Query



Table

Country Name Country Code max\_debt\_2008

Low & middle income LMY 16737069895947

1. 2009

Query



Table

Country Name Country Code max\_debt\_2009

Low & middle income LMY 16386812129332

1. 2012

Query



Table

Country Name Country Code max\_debt\_2012

Low & middle income LMY 25212032891777

**Question 10: Computing the Country with the highest minimum debt in:**

1. 2003

Query



Table

Country Name Country Code min\_debt\_2003

Montenegro MNE 0

1. 2004

Query



Table

Country Name Country Code min\_debt\_2004

Montenegro MNE 0

1. 2005

Query



Table

Country Name Country Code min\_debt\_2005

Montenegro MNE 0

1. 2008

Query



Table

Country Name Country Code min\_debt\_2008

Somalia SOM -1830000

1. 2009

Query



Table

Country Name Country Code min\_debt\_2009

Somalia SOM -168000

1. 2012

Query



Table

Country Name Country Code min\_debt\_2012

Samoa WSM -389000

Question 11: Computing the average debt owed by each country in descending order, limiting to the first 20 rows

1. 2003

Query



Table

Country Name Country Code avg\_debt\_2003

Low & middle income LMY 147361119172.34113

Middle income MIC 142665009050.6682

Upper middle income UMC 101141707608.14018

Latin America & Caribbean (excluding high income) LAC42186565785.85981

East Asia & Pacific (excluding high income) EAP 41538423763.34112

Lower middle income LMC 41528873169.42991

Europe & Central Asia (excluding high income) ECA 26566214152.668224

China CHN 21263579824.32243

South Asia SAS 14116040756.364487

Sub-Saharan Africa (excluding high income) SSA 13019741943.546728

Brazil BRA 12440838122.929907

Mexico MEX 12188275089.532711

Russian Federation RUS 10490269243

IDA only IDX 9926420022.588785

India IND 9788971544.373833

Middle East & North Africa (excluding high income)MN 9716235254.411215

Least developed countries: UN classification LDC 8472121954.406542

Turkey TUR 8226994034.897196

Indonesia IDN 6718598262.088785

Argentina ARG 6150917338.32243

1. 2004

Query



Table

Country Name Country Code avg\_debt\_2004

Low & middle income LMY 167053578697.87384

Middle income MIC 162013877570.1682

Upper middle income UMC 116455008655.09346

East Asia & Pacific (excluding high income) EAP 48559985045.084114

Lower middle income LMC 45565004626.26636

Latin America & Caribbean (excluding high income)LAC44257795957.21963

Europe & Central Asia (excluding high income) ECA 32962207501.093456

China CHN 26005909166.13084

South Asia SAS 15271872980.69159

Sub-Saharan Africa (excluding high income) SSA 14860086104.668224

Mexico MEX 13318255217.406542

Russian Federation RUS 13125900413.878504

Brazil BRA 12464280299.009346

Middle East & North Africa (excluding high income) MNA 10898262610.817757

IDA only IDX 10809949390.976635

India IND 10590674387.168224

Least developed countries: UN classification LDC 9353940561.5

Turkey TUR 9175441741.383177

Indonesia IDN 7179356111.369159

Argentina ARG 6383507047.7570095

1. 2005

Query



Table

Country Name Country Code avg\_debt\_2005

Low & middle income LMY 185823161250.02805

Middle income MIC 180804082862.07477

Upper middle income UMC 132217013852.21495

East Asia & Pacific (excluding high income) EAP 55381902368.92991

Lower middle income LMC 48591437920.64486

Latin America & Caribbean (excluding high income)LAC46450971280.299065

Europe & Central Asia (excluding high income) ECA 40595309754.73364

China CHN 31351002964.934578

Russian Federation RUS 17224823663.219627

South Asia SAS 16308886158.686916

Sub-Saharan Africa (excluding high income) SSA 15408798240.588785

Mexico MEX 14060728987.247663

Brazil BRA 13084959422.747663

India IND 11550700472.714952

Middle East & North Africa (excluding high income)MNA11397738272.67757

Turkey TUR 10760041647.032711

IDA only IDX 10733346934.747663

Least developed countries: UN classification LDC 9720434923.995327

Indonesia IDN 7976369806.5

Argentina ARG 5548038071.691588

1. 2008

Query



Table

Country Name Country Code avg\_debt\_2008

Low & middle income LMY 296350359088.84576

Middle income MIC 290852879163.78503

Upper middle income UMC 217774403654.22897

East Asia & Pacific (excluding high income) EAP 89454246996.2243

Europe & Central Asia (excluding high income)ECA 79035977082.0514

Lower middle income LMC 73072239854.55608

Latin America & Caribbean (excluding high income)LAC 66961242956.59346

China CHN 57208739817.13551

Russian Federation RUS 31630026228.476635

South Asia SAS 26641471946.15888

Brazil BRA 22710291678.331776

India IND 19739420907.57944

Sub-Saharan Africa (excluding high income) SSA 18476485060.962616

Turkey TUR 17670675026.06075

Mexico MEX 17297444080.074768

Middle East & North Africa (excluding high income)MNA 15478129174.943926

IDA only IDX 13469635132.78972

Least developed countries: UN classification LDC 12263546983.892523

Indonesia IDN 10523248919.280375

Argentina ARG 7183313914.7476635

1. 2009

Query



Table

Country Name Country Code avg\_debt\_2009

Low & middle income LMY 289049827513.67755

Middle income MIC 283111963093.3364

Upper middle income UMC 208049784014.35513

East Asia & Pacific (excluding high income) EAP 94973763189.5701

Lower middle income LMC 75067611960.09813

Europe & Central Asia (excluding high income) ECA 67042398917.14019

Latin America & Caribbean (excluding high income)LAC64734209787.392525

China CHN 60569141272.07009

South Asia SAS 27552654309.285046

Russian Federation RUS 25194340898.83645

Brazil BRA 22325097191.228973

India IND 20161347518.16355

Sub-Saharan Africa (excluding high income) SSA 19038854487.20561

Mexico MEX 15830171149.672897

MiddleEast & North Africa(excluding high income)MNA15367725185.696262

Turkey TUR 14569246066.906542

IDA only IDX 14325651855.205608

Least developed countries: UN classification LDC 12546469436.359814

Indonesia IDN 11986716915.63084

Malaysia MYS 6905990994.383178

1. 2012

Query



Table

Country Name Country Code avg\_debt\_2012

Low & middle income LMY 434014918649.7056

Middle income MIC 426803053098.9953

Upper middle income UMC 320057551429.28973

East Asia & Pacific (excluding high income) EAP 157364857795.02338

Lower middle income LMC 106737743191.4486

China CHN 103761732129.28972

Latin America & Caribbean (excluding high income)LAC 96731508195.52336

Europe & Central Asia (excluding high income) ECA 93626931220.17757

Russian Federation RUS 41732306878.107475

South Asia SAS 39042773946.84112

Brazil BRA 34145975638.028038

India IND 29358753795.406544

Sub-Saharan Africa (excluding high income) SSA 27739230663.19159

Mexico MEX 27056599701.219627

Turkey TUR 19237069012.271027

Middle East & North Africa (excluding high income)MNA 19108200013.58411

Indonesia IDN 18649603763.831776

IDA only IDX 18094863304.57944

Least developed countries: UN classification LDC 16440218213.911215

Malaysia MYS 10579205460.30841

Question 12: Computing the Country with the largest average debt in each of the following years

1. 1998

Query



Table

Country Name Country Code avg\_debt\_1998

Low & middle income LMY 125217653079.90654

1. 1999

Query



Table

Country Name Country Code avg\_debt\_1999

Low & middle income LMY 123956800434.54205

1. 2001

Query



Table

Country Name Country Code avg\_debt\_2001

Low & middle income LMY 125787304608.96729

1. 2010

Query



Table

Country Name Country Code avg\_debt\_2010

Low & middle income LMY 350599896611.32245

1. 2012

Query



Table

Country Name Country Code avg\_debt\_2012

Low & middle income LMY 434014918649.7056

1. 2015

Query



Table

Country Name Country Code avg\_debt\_2015

Low & middle income LMY 435930122377.40186

**Disscussion**

From the data given, it is seen that we have a structured data