## **Predictors List**

```
data<-read.csv(file.choose(),header=T)</pre>
data<-data[,-1]</pre>
data<-data[,-1]</pre>
colnames(data)
##
     [1] "Services..value.added....of.GDP."
##
     [2] "Services..value.added..constant.LCU."
##
     [3] "Services..value.added..annual...growth."
     [4] "Services..value.added..constant.2010.US.."
##
##
     [5] "Services..value.added..current.LCU."
##
     [6] "Services..value.added..current.US.."
##
     [7] "Industry..including.construction...value.added....of.GDP."
     [8] "Industry..including.construction...value.added..constant.LCU."
##
##
     [9] "Industry..including.construction...value.added..annual...growth."
##
    [10] "Industry..including.construction...value.added..constant.2010.US.."
##
    [11] "Industry...including.construction...value.added..current.LCU."
    [12] "Industry...including.construction...value.added..current.US.."
##
##
    [13] "Manufacturing..value.added....of.GDP."
##
    [14] "Manufacturing..value.added..constant.LCU."
##
    [15] "Manufacturing..value.added..annual...growth."
##
    [16] "Manufacturing..value.added..constant.2010.US.."
    [17] "Manufacturing..value.added..current.LCU."
##
##
    [18] "Manufacturing..value.added..current.US.."
    [19] "Agriculture..forestry..and.fishing..value.added....of.GDP."
##
    [20] "Agriculture..forestry..and.fishing..value.added..constant.LCU."
##
    [21] "Agriculture..forestry..and.fishing..value.added..annual...growth."
##
##
    [22] "Agriculture..forestry..and.fishing..value.added..constant.2010.US..
##
    [23] "Agriculture..forestry..and.fishing..value.added..current.LCU."
##
    [24] "CO2.emissions.from.solid.fuel.consumption....of.total."
    [25] "CO2.emissions.from.solid.fuel.consumption..kt."
##
    [26] "CO2.emissions..metric.tons.per.capita."
    [27] "CO2.emissions.from.liquid.fuel.consumption....of.total."
##
    [28] "CO2.emissions.from.liquid.fuel.consumption..kt."
##
    [29] "CO2.emissions..kt."
##
    [30] "CO2.emissions..kg.per.2010.US..of.GDP."
##
##
    [31] "CO2.emissions.from.gaseous.fuel.consumption....of.total."
    [32] "CO2.emissions.from.gaseous.fuel.consumption..kt."
##
##
    [33] "Net.bilateral.aid.flows.from.DAC.donors..Japan..current.US.."
    [34] "Net.bilateral.aid.flows.from.DAC.donors..Italy..current.US.."
##
##
    [35] "Net.bilateral.aid.flows.from.DAC.donors..United.Kingdom..current.US
••"
    [36] "Net.bilateral.aid.flows.from.DAC.donors..Germany..current.US.."
##
    [37] "Net.bilateral.aid.flows.from.DAC.donors..Switzerland..current.US.."
##
   [38] "Merchandise.exports.to.low..and.middle.income.economies.within.regi
on....of.total.merchandise.exports."
## [39] "Merchandise.exports.by.the.reporting.economy..current.US.."
```

- ## [40] "Merchandise.exports.by.the.reporting.economy..residual....of.total. merchandise.exports."
- ## [41] "Merchandise.exports.to.low..and.middle.income.economies.in.Sub.Saha ran.Africa....of.total.merchandise.exports."
- ## [42] "Merchandise.exports.to.low..and.middle.income.economies.in.South.As ia....of.total.merchandise.exports."
- ## [43] "Merchandise.exports.to.low..and.middle.income.economies.in.Middle.E ast...North.Africa....of.total.merchandise.exports."
- ## [44] "Merchandise.exports.to.low..and.middle.income.economies.in.Latin.Am erica...the.Caribbean....of.total.merchandise.exports."
- ## [45] "Merchandise.exports.to.low..and.middle.income.economies.in.Europe..
  .Central.Asia....of.total.merchandise.exports."
- ## [46] "Merchandise.exports.to.low..and.middle.income.economies.in.East.Asi a...Pacific....of.total.merchandise.exports."
- ## [47] "Merchandise.exports.to.low..and.middle.income.economies.outside.reg
  ion....of.total.merchandise.exports."
- ## [48] "Merchandise.exports.to.high.income.economies....of.total.merchandis e.exports."
- ## [49] "Merchandise.exports..current.US.."
- ## [50] "Merchandise.exports.to.economies.in.the.Arab.World....of.total.merchandise.exports."
- ## [51] "Ores.and.metals.exports....of.merchandise.exports."
- ## [52] "Manufactures.exports....of.merchandise.exports."
- ## [53] "Fuel.exports....of.merchandise.exports."
- ## [54] "Food.exports....of.merchandise.exports."
- ## [55] "Agricultural.raw.materials.exports....of.merchandise.exports."
- ## [56] "Merchandise.imports.from.low..and.middle.income.economies.within.re gion....of.total.merchandise.imports."
- ## [57] "Merchandise.imports.by.the.reporting.economy..current.US.."
- ## [58] "Merchandise.imports.by.the.reporting.economy..residual....of.total.
  merchandise.imports."
- ## [59] "Mortality.rate..under.5..per.1.000.live.births."
- ## [60] "Number.of.under.five.deaths"
- ## [61] "Number.of.infant.deaths"
- ## [62] "Patent.applications..residents"
- ## [63] "Patent.applications..nonresidents"
- ## [64] "Merchandise.imports.from.low..and.middle.income.economies.in.Sub.Sa haran.Africa....of.total.merchandise.imports."
- ## [65] "Merchandise.imports.from.low..and.middle.income.economies.in.South. Asia....of.total.merchandise.imports."
- ## [66] "Merchandise.imports.from.low..and.middle.income.economies.in.Middle .East...North.Africa....of.total.merchandise.imports."
- ## [67] "Merchandise.imports.from.low..and.middle.income.economies.in.Latin. America...the.Caribbean....of.total.merchandise.imports."
- ## [68] "Merchandise.imports.from.low..and.middle.income.economies.in.Europe ...Central.Asia....of.total.merchandise.imports."
- ## [69] "Merchandise.imports.from.low..and.middle.income.economies.in.East.A sia...Pacific....of.total.merchandise.imports."
- ## [70] "Merchandise.imports.from.low..and.middle.income.economies.outside.r egion....of.total.merchandise.imports."

```
## [71] "Merchandise.imports.from.high.income.economies....of.total.merchand
ise.imports."
   [72] "Merchandise.imports..current.US.."
    [73] "Merchandise.imports.from.economies.in.the.Arab.World....of.total.me
rchandise.imports."
    [74] "Ores.and.metals.imports....of.merchandise.imports."
##
##
    [75] "Manufactures.imports....of.merchandise.imports."
    [76] "Fuel.imports....of.merchandise.imports."
##
    [77] "Food.imports....of.merchandise.imports."
##
    [78] "Agricultural.raw.materials.imports....of.merchandise.imports."
##
    [79] "Merchandise.trade....of.GDP."
##
    [80] "Urban.population....of.total."
##
    [81] "Urban.population"
##
##
    [82] "Urban.population.growth..annual..."
##
    [83] "Rural.population....of.total.population."
    [84] "Rural.population.growth..annual..."
##
    [85] "Rural.population"
    [86] "Population..male....of.total."
##
    [87] "Population..male"
##
##
    [88] "Population..female....of.total."
##
    [89] "Population..female"
    [90] "Population..total"
##
    [91] "Population.growth..annual..."
##
##
    [92] "Age.dependency.ratio..young....of.working.age.population."
    [93] "Age.dependency.ratio..old....of.working.age.population."
##
    [94] "Age.dependency.ratio....of.working.age.population."
##
    [95] "Population.ages.80.and.above..male....of.male.population."
##
    [96] "Population.ages.80.and.above..female....of.female.population."
##
##
    [97] "Population.ages.75.79..male....of.male.population."
    [98] "Population.ages.75.79..female....of.female.population."
##
    [99] "Population.ages.70.74..male....of.male.population."
##
## [100] "Population.ages.70.74..female....of.female.population."
## [101] "Population.ages.65.and.above....of.total."
## [102] "Population.ages.65.and.above..total"
## [103] "Population.ages.65.and.above..male....of.total."
## [104] "Population.ages.65.and.above..male"
## [105] "Population.ages.65.and.above..female....of.total."
## [106] "Population.ages.65.and.above..female"
## [107] "Population.ages.65.69..male....of.male.population."
## [108] "Population.ages.65.69..female....of.female.population."
## [109] "Population.ages.60.64..male....of.male.population."
## [110] "Population.ages.60.64..female....of.female.population."
## [111] "Population.ages.55.59..male....of.male.population."
## [112] "Population.ages.55.59..female....of.female.population."
## [113] "Population.ages.50.54..male....of.male.population."
## [114] "Population.ages.50.54..female....of.female.population."
## [115] "Population.ages.45.49..male....of.male.population."
## [116] "Population.ages.45.49..female....of.female.population."
## [117] "Population.ages.40.44..male....of.male.population."
## [118] "Population.ages.40.44..female....of.female.population."
```

```
## [119] "Population.ages.35.39..male....of.male.population."
## [120] "Population.ages.35.39..female....of.female.population."
## [121] "Population.ages.30.34..male....of.male.population."
## [122] "Population.ages.30.34..female....of.female.population."
## [123] "Population.ages.25.29..male....of.male.population."
## [124] "Population.ages.25.29..female....of.female.population."
## [125] "Population.ages.20.24..male....of.male.population."
## [126] "Population.ages.20.24..female....of.female.population."
## [127] "Population.ages.15.64....of.total."
## [128] "Population.ages.15.64..total"
## [129] "Population.ages.15.64..male....of.total."
## [130] "Population.ages.15.64..male"
## [131] "Population.ages.15.64..female....of.total."
## [132] "Population.ages.15.64..female"
## [133] "Population.ages.15.19..male....of.male.population."
## [134] "Population.ages.15.19..female....of.female.population."
## [135] "Population.ages.10.14..male....of.male.population."
## [136] "Population.ages.10.14..female....of.female.population."
## [137] "Population.ages.5.9..male....of.male.population."
## [138] "Population.ages.5.9..female....of.female.population."
## [139] "Population.ages.0.14....of.total."
## [140] "Population.ages.0.14..total"
## [141] "Population.ages.0.14..male....of.total."
## [142] "Population.ages.0.14..male"
## [143] "Population.ages.0.14..female....of.total."
## [144] "Population.ages.0.14..female"
## [145] "Population.ages.0.4..male....of.male.population."
## [146] "Population.ages.0.4..female....of.female.population."
## [147] "Survival.to.age.65..male....of.cohort."
## [148] "Survival.to.age.65..female....of.cohort."
## [149] "Fertility.rate..total..births.per.woman."
## [150] "Life.expectancy.at.birth..male..years."
## [151] "Life.expectancy.at.birth..total..years."
## [152] "Life.expectancy.at.birth..female..years."
## [153] "Mortality.rate..infant..per.1.000.live.births."
## [154] "Death.rate..crude..per.1.000.people."
## [155] "Birth.rate..crude..per.1.000.people."
## [156] "Mortality.rate..adult..male..per.1.000.male.adults."
## [157] "Mortality.rate..adult..female..per.1.000.female.adults."
## [158] "Adolescent.fertility.rate..births.per.1.000.women.ages.15.19."
## [159] "Official.exchange.rate..LCU.per.US...period.average."
## [160] "DEC.alternative.conversion.factor..LCU.per.US.."
## [161] "Terms.of.trade.adjustment..constant.LCU."
## [162] "Net.secondary.income..Net.current.transfers.from.abroad...current.L
CU."
## [163] "Net.secondary.income..Net.current.transfers.from.abroad...current.U
S...'
## [164] "Taxes.less.subsidies.on.products..constant.LCU."
## [165] "Taxes.less.subsidies.on.products..current.LCU."
## [166] "Taxes.less.subsidies.on.products..current.US.."
```

```
## [167] "Net.primary.income..Net.income.from.abroad...current.LCU."
## [168] "Net.primary.income..Net.income.from.abroad...current.US.."
## [169] "GNI.per.capita..constant.LCU."
## [170] "GNI.per.capita.growth..annual..."
## [171] "GNI.per.capita..constant.2010.US.."
## [172] "GNI.per.capita..current.LCU."
## [173] "Domestic.credit.to.private.sector....of.GDP."
## [174] "Domestic.credit.provided.by.financial.sector....of.GDP."
## [175] "Claims.on.central.government..etc.....GDP."
## [176] "Inflation"
## [177] "Consumer.price.index..2010...100."
## [178] "Broad.money.growth..annual..."
## [179] "Broad.money.to.total.reserves.ratio"
## [180] "Broad.money....of.GDP."
## [181] "Broad.money..current.LCU."
## [182] "Claims.on.private.sector..annual.growth.as...of.broad.money."
## [183] "Net.foreign.assets..current.LCU."
## [184] "Net.domestic.credit..current.LCU."
## [185] "Claims.on.central.government..annual.growth.as...of.broad.money."
## [186] "Total.reserves.minus.gold..current.US.."
## [187] "Total.reserves..includes.gold..current.US.."
## [188] "Domestic.credit.to.private.sector.by.banks....of.GDP."
## [189] "GNI.per.capita..Atlas.method..current.US.."
## [190] "GNI..constant.LCU."
## [191] "GNI.growth..annual..."
## [192] "GNI..constant.2010.US.."
## [193] "GNI..current.LCU."
## [194] "GNI..current.US.."
## [195] "GNI..Atlas.method..current.US.."
## [196] "Gross.domestic.income..constant.LCU."
## [197] "Gross.domestic.savings....of.GDP."
## [198] "Gross.domestic.savings..current.LCU."
## [199] "Gross.domestic.savings..current.US.."
## [200] "GDP.per.capita..constant.LCU."
## [201] "GDP.per.capita.growth..annual..."
## [202] "GDP.per.capita..constant.2010.US.."
## [203] "GDP.per.capita..current.LCU."
## [204] "GDP.per.capita..current.US.."
## [205] "GDP...constant.LCU."
## [206] "GDP.growth"
## [207] "GDP..constant.2010.US.."
## [208] "GDP...current.LCU."
## [209] "GDP...current.US..."
## [210] "Gross.value.added.at.basic.prices..GVA...constant.LCU."
## [211] "Gross.value.added.at.basic.prices..GVA...constant.2010.US.."
## [212] "Gross.value.added.at.basic.prices..GVA...current.LCU."
## [213] "Gross.value.added.at.basic.prices..GVA...current.US.."
## [214] "Discrepancy.in.expenditure.estimate.of.GDP..constant.LCU."
## [215] "Discrepancy.in.expenditure.estimate.of.GDP..current.LCU."
## [216] "GDP.deflator..base.year.varies.by.country."
```

```
## [217] "Inflation..GDP.deflator..annual..."
## [218] "Exports.as.a.capacity.to.import..constant.LCU."
## [219] "Total.fisheries.production..metric.tons."
## [220] "Capture.fisheries.production..metric.tons."
## [221] "Aquaculture.production..metric.tons."
## [222] "Population.in.urban.agglomerations.of.more.than.1.million....of.tot
al.population."
## [223] "Population.in.urban.agglomerations.of.more.than.1.million"
## [224] "Population.in.the.largest.city....of.urban.population."
## [225] "Population.in.largest.city"
## [226] "Population.density..people.per.sq..km.of.land.area."
## [227] "Net.bilateral.aid.flows.from.DAC.donors..United.States..current.US.
## [228] "Net.bilateral.aid.flows.from.DAC.donors..Total..current.US.."
## [229] "Net.bilateral.aid.flows.from.DAC.donors..Norway..current.US.."
## [230] "Agriculture..forestry..and.fishing..value.added..current.US.."
## [231] "Trade....of.GDP."
## [232] "External.balance.on.goods.and.services....of.GDP."
## [233] "External.balance.on.goods.and.services..constant.LCU."
## [234] "External.balance.on.goods.and.services..current.LCU."
## [235] "External.balance.on.goods.and.services..current.US.."
## [236] "Imports.of.goods.and.services....of.GDP."
## [237] "Imports.of.goods.and.services..constant.LCU."
## [238] "Imports.of.goods.and.services..annual...growth."
## [239] "Imports.of.goods.and.services..constant.2010.US.."
## [240] "Imports.of.goods.and.services..current.LCU."
## [241] "Imports.of.goods.and.services..current.US.."
## [242] "Gross.capital.formation....of.GDP."
## [243] "Gross.capital.formation..constant.LCU."
## [244] "Gross.capital.formation..annual...growth."
## [245] "Gross.capital.formation..constant.2010.US.."
## [246] "Gross.capital.formation..current.LCU."
## [247] "Gross.capital.formation..current.US.."
## [248] "Changes.in.inventories..constant.LCU."
## [249] "Changes.in.inventories..current.LCU."
## [250] "Changes.in.inventories..current.US.."
## [251] "Gross.fixed.capital.formation....of.GDP."
## [252] "Gross.fixed.capital.formation..constant.LCU."
## [253] "Gross.fixed.capital.formation..annual...growth."
## [254] "Gross.fixed.capital.formation..constant.2010.US.."
## [255] "Gross.fixed.capital.formation..current.LCU."
## [256] "Gross.fixed.capital.formation..current.US.."
## [257] "Gross.fixed.capital.formation..private.sector....of.GDP."
## [258] "Gross.fixed.capital.formation..private.sector..current.LCU."
## [259] "Exports.of.goods.and.services....of.GDP."
## [260] "Exports.of.goods.and.services..constant.LCU."
## [261] "Exports.of.goods.and.services..annual...growth."
## [262] "Exports.of.goods.and.services..constant.2010.US.."
## [263] "Exports.of.goods.and.services..current.LCU."
## [264] "Exports.of.goods.and.services..current.US.."
```

```
## [265] "Gross.national.expenditure....of.GDP."
## [266] "Gross.national.expenditure..constant.LCU."
## [267] "Gross.national.expenditure..constant.2010.US.."
## [268] "Gross.national.expenditure..current.LCU."
## [269] "Gross.national.expenditure..current.US.."
## [270] "Gross.national.expenditure.deflator..base.year.varies.by.country."
## [271] "Final.consumption.expenditure....of.GDP."
## [272] "Final.consumption.expenditure..constant.LCU."
## [273] "Final.consumption.expenditure..annual...growth."
## [274] "Final.consumption.expenditure..constant.2010.US.."
## [275] "Final.consumption.expenditure..current.LCU."
## [276] "Final.consumption.expenditure..current.US.."
## [277] "Households.and.NPISHs.final.consumption.expenditure....of.GDP."
## [278] "Net.ODA.received.per.capita..current.US.."
## [279] "Net.official.development.assistance.received..constant.2015.US.."
## [280] "Net.ODA.received....of.GNI."
## [281] "Net.ODA.received....of.gross.capital.formation."
## [282] "Net.official.development.assistance.received..current.US.."
## [283] "Net.official.development.assistance.and.official.aid.received..cons
tant.2015.US.."
## [284] "Net.official.development.assistance.and.official.aid.received..curr
ent.US.."
## [285] "Net.bilateral.aid.flows.from.DAC.donors..Canada..current.US.."
## [286] "Technical.cooperation.grants..BoP..current.US.."
## [287] "Grants..excluding.technical.cooperation..BoP..current.US.."
## [288] "Households.and.NPISHs.Final.consumption.expenditure.per.capita.grow
th..annual..."
## [289] "Households.and.NPISHs.Final.consumption.expenditure.per.capita..con
stant.2010.US.."
## [290] "Households.and.NPISHs.Final.consumption.expenditure..constant.LCU."
## [291] "Households.and.NPISHs.Final.consumption.expenditure..annual...growt
h."
## [292] "Households.and.NPISHs.Final.consumption.expenditure..constant.2010.
US.."
## [293] "Households.and.NPISHs.Final.consumption.expenditure..current.LCU."
## [294] "Households.and.NPISHs.Final.consumption.expenditure..current.US.."
## [295] "General.government.final.consumption.expenditure....of.GDP."
## [296] "General.government.final.consumption.expenditure..constant.LCU."
## [297] "General.government.final.consumption.expenditure..annual...growth."
## [298] "General.government.final.consumption.expenditure..constant.2010.US.
## [299] "General.government.final.consumption.expenditure..current.LCU."
## [300] "General.government.final.consumption.expenditure..current.US.."
## [301] "Military.expenditure....of.GDP."
## [302] "Military.expenditure..current.LCU."
## [303] "Military.expenditure..current.USD."
## [304] "Arms.imports..SIPRI.trend.indicator.values."
## [305] "Cereal.yield..kg.per.hectare."
## [306] "Surface.area..sq..km."
## [307] "Livestock.production.index..2004.2006...100."
```

```
## [308] "Food.production.index..2004.2006...100."
## [309] "Crop.production.index..2004.2006...100."
## [310] "Cereal.production..metric.tons."
## [311] "Land.area..sq..km."
## [312] "Permanent.cropland....of.land.area."
## [313] "Land.under.cereal.production..hectares."
## [314] "Arable.land....of.land.area."
## [315] "Arable.land..hectares.per.person."
## [316] "Arable.land..hectares."
## [317] "Agricultural.land....of.land.area."
## [318] "Agricultural.land...sq..km."
```