

Entrepreneurial Growth

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Overview

Start up culture has seen a huge surge over the past few years in Europe. Government and private funding has increased tremendously (or so we are made to believe) and bureaucracy surrounding entrepreneurship has also reduced. Is the future bright or bleak? These and others vital questions are the brain behind this study.

Goals

1. To use descriptive analysis in giving a comparative and analytical overview of entrepreneurial growth across europe. In depth comparisons between countries and continents.
2. To predict the start-up growth trend for 2016 across europe based on several factors.

Specifications

The data we are using for this project is an open source data readily available at <http://www.gemconsortium.org/data/sets>. This data contains information on entrepreneurship as far back as 2008 however the list of the countries change every year possibly due lack of data availability hence for the purpose of this study primary analysis will be on data available for countries that appear constantly between 2010 to 2015.

Toolset

I. R using RStudio

We intend to use R for implementing several data mining techniques

II. Weka

This will also be used for implementing several data mining techniques as well as comparative descriptive analysis.

III. Excel

Will be used for data preprocessing and yearly overview of available countries.

Data Description

Available number of years: 9 years (2007 - 2015)

Available number of countries per year:

2007: 30

2008: 30

2009: 43

2010: 53

2011: 48

2012: 68

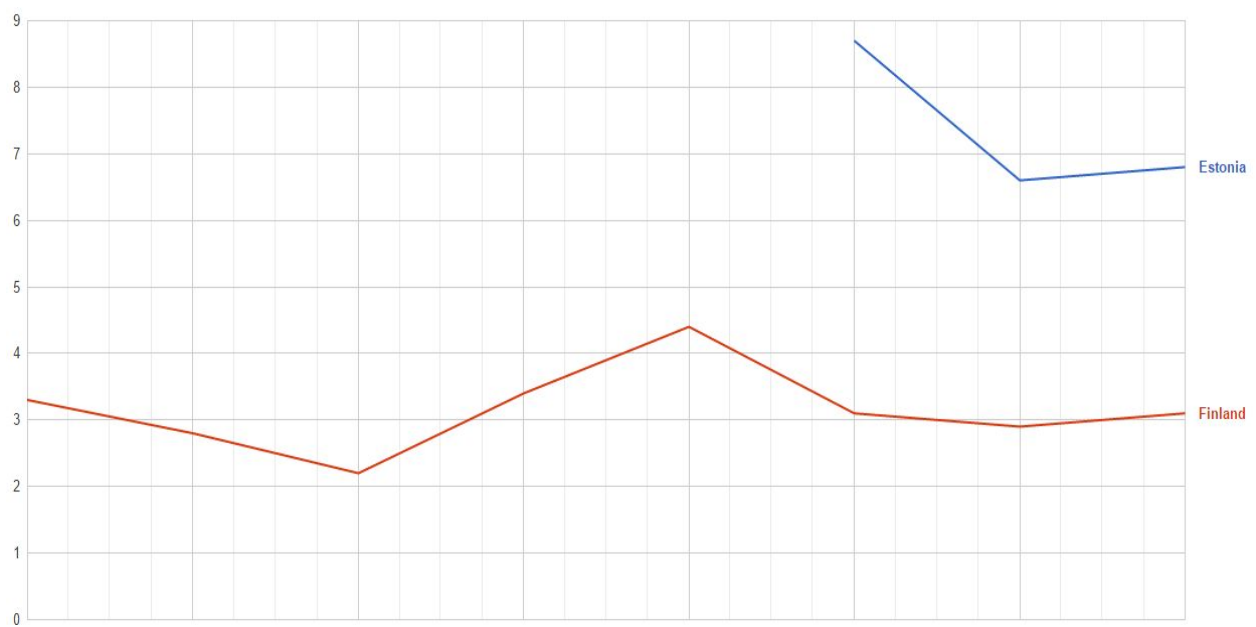
2013: 68

2014: 72

2015: 61

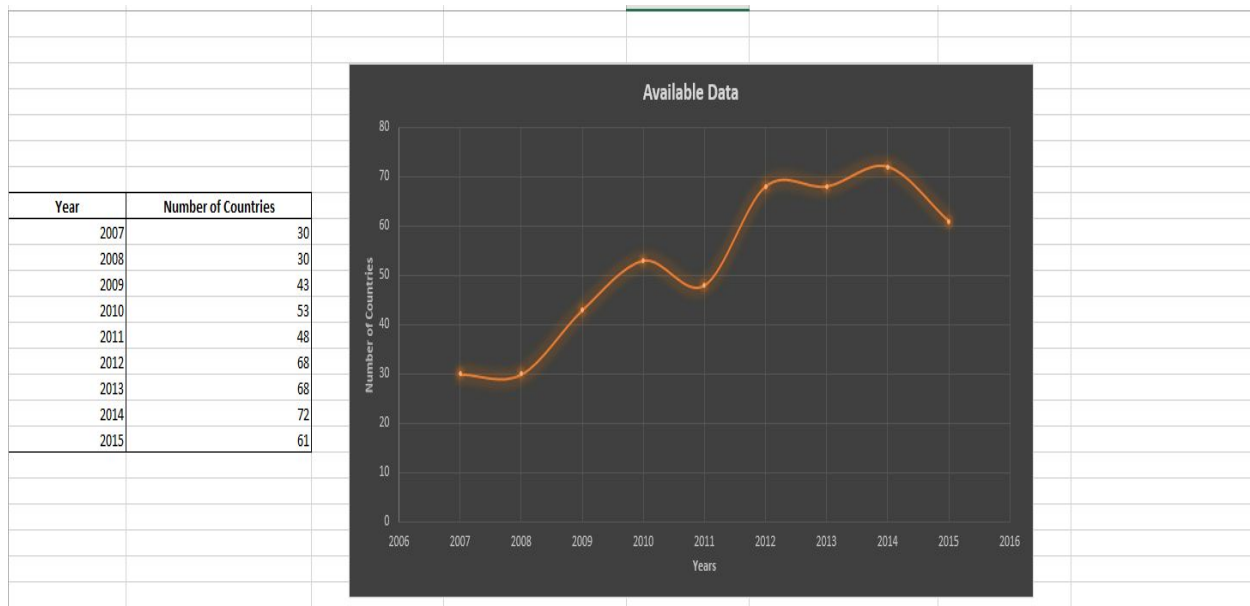
Descriptive Analysis

Informal Investor rate (Estonia vs Finland)



Growth from 2007 to 2015

Publicly available data per year



Publicly available data (Europe vs Rest of the world)

