Healthcare Analytics Project

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Abstract

We are working on three projects

- 1. Estimating Load of TB patients in India
- 2. Sentiment Mining from Nursing notes for Mortality Prediction
- $3.\,$ Age Stratified Modeling for Micro level Hospital Bed Forecast

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Chapter 1

Introduction

Data were extracted from the MIMIC databases using **Google Big Query** with the help of dialect of Structured Query Language (SQL)

Inclusion Criterion

- 1. Notes identified by physicians as errors (indicated by the iserror column in the MIMIC-III nursing notes table) were excluded.
- 2. We considered only patients whose age \in [15, 85].

Only 134615 notes are considered

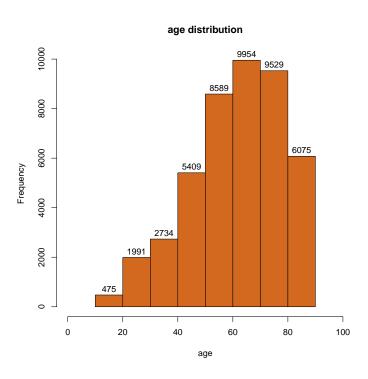


Figure 1.1: Age distribution of patients selected