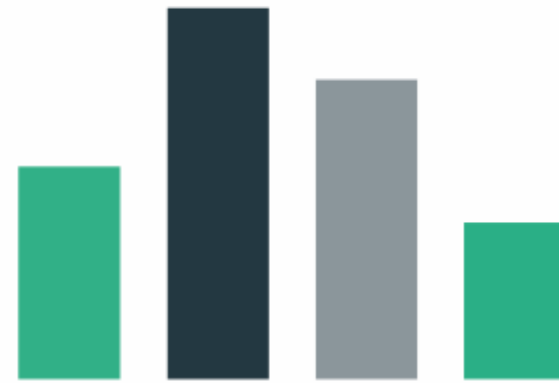


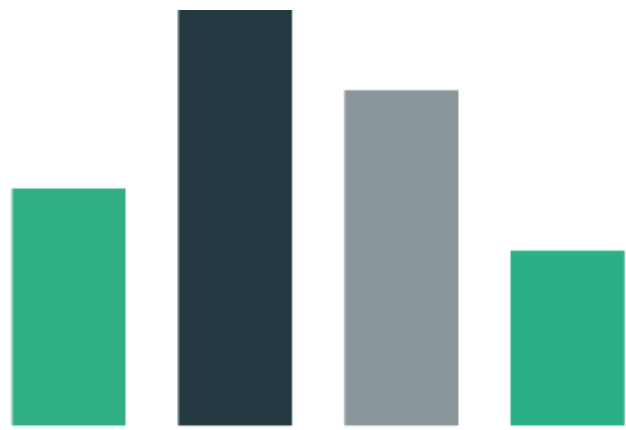
# Career Opportunities in Analytics in reference of R



**STAT MODELLER**  
ROBUST KIT OF SOLUTIONS

Delivered by  
**Hiren Kakkad | CEO & Co-founder**  
**Stat Modeller, Vadodara**  
[www.statmodeller.com](http://www.statmodeller.com)





**STAT MODELLER**  
ROBUST KIT OF SOLUTIONS

# Stat Modeller

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ROBUST KIT OF SOLUTIONS

# About Us

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Stat Modeller is formed in 2019 providing services related to training and consultancy for Operational Excellence, Application of Statistical Tools and Data Science Tools to solve the problems of various segments.

We have a team of experts who are having vast experience in academic, industries, research, consulting etc.

# Why Stat Modeller

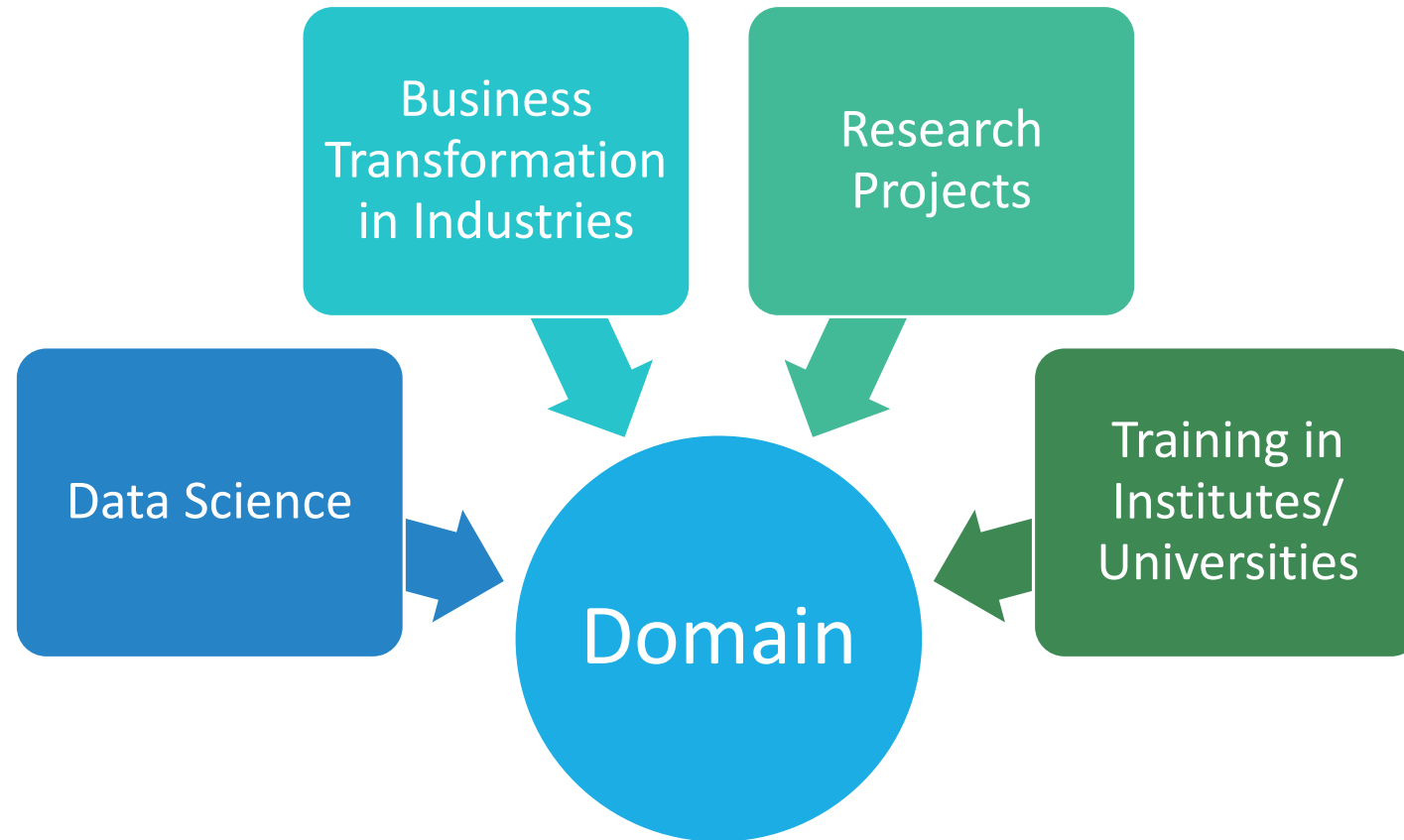
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Data analysis is an immense part of any problem solving or research. In industry as well as in research, data plays a vital role. Data is collected in a large quantity. But the challenges are which technique to be used and how?

To overcome these challenges, Stat Modeller provides the solutions to the industries, organizations, institutes, universities and individuals who are looking for their data to analyze with right techniques. Stat Modeller has a team of experts who are having vast experience in industry, academic, research, consulting etc. who are committed to provide reliable and quick service to our valuable clients. Client satisfaction is our ultimate objective.

# Services

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# Services

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## Data Science

- Machine Learning
- R and R Studio
- Python
- SAS
- SPSS
- Minitab
- Excel and Advance Excel

## Business Transformation

- Six Sigma
- Lean
- 5-S
- Kaizen
- Kanban
- SPC and SQC and many more

## Research Projects

- Research Projects
- Survey Analysis
- Marketing Research etc.

## Institutes/ Universities

- Workshops
- Trainings
- Certification Course for Students etc.

# Our Expertise

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# Clients in various Domain

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Agro  
Economics

Agro Business  
Management

Dairy  
Economics

Home Science

Mechanical  
Engineering

Pharmaceutical  
Sciences

Financial  
Management

Management  
Studies

Business  
Studies

Marketing  
Management

Library Science





## Workshop on **Basics of SPSS** at BVM College of Engineering, Vallabh Vidyanagar



Samsung Triple camera  
By K.K.Shah



Samsung Triple camera  
By K.K.Shah



Samsung Triple camera  
By K.K.Shah

## Workshop on **Role of SPSS in Research** at DDU, Nadiad



## 3 Days Workshop on **Basics of Python** at Department of Statistics, Sardar Patel University



## 2 + 1 Days Workshop on **BASE SAS** at Department of Statistics, Sardar Patel University



Training on R at  
Mumbai University



Training on R at  
AERC, Vallabh Vidyanagar



Training on R at  
FDP, SPU



Training on R at  
HRDC, Gujarat University



Training on R at  
Charusat University, Changa



Training on SPSS at  
Charusat University, Changa

# Mr. Hiren Kakkad

---

- CEO & Co-founder of Stat Modeller
- More than 8 years of industrial experience
- Certified Lean Six Sigma Black Belt
- Certified Auditor for ISO 9001
- Trained 4000+ participants
- Guided 100+ Improvement projects
- Assisted 25+ Research Projects
- Trainer for in R, Python, SPSS, Minitab, Power BI, Excel, Advanced Excel, Six Sigma, TPM, Kaizen, 5-S, Kanban etc



# Let's Explore simplicity of R

- How to write "Hello World" program

## In C++

```
#include <iostream>
using namespace std;

int main() {
    cout << "Hello World!";
    return 0;
}
```

## In Java

```
public class MyClass {
    public static void main(String[] args) {
        System.out.println("Hello World");
    }
}
```

## In C#

```
using System;

namespace HelloWorld
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("Hello World!");
        }
    }
}
```

## In R

```
"Hello World"
```

# Introduction to R



# Introduction to R

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- R is a language and environment for statistical computing and graphics.
- It is similar to the S language (developed at Bell Laboratories)
- R provides a wide variety of statistical (linear and nonlinear modeling, statistical tests, time-series analysis, classification, clustering ...) and graphical techniques, and is highly extensible.
- R is available as Free Software under the terms of the **Free Software** Foundation's GNU General Public License in source code form.
- It compiles and runs on a wide variety of UNIX platforms and similar systems (including FreeBSD and Linux), Windows and MacOS.

# Why it is Call “R”?

- **R** was created by **Ross Ihaka** and **Robert Gentleman** at the University of Auckland, New Zealand.
- **R** is **named** partly after the first names of the first two **R** authors and partly as a play on the name of S



Robert Gentleman



Ross Ihaka

# Why R? 11 Reasons...

Open Source and Free

Very Easy Learn for Non-programmer

Huge Community Support

More than 15000 Packages are Available for Free

High Statistical Computing Ability

Attractive Packages for Graphical Analysis Like ggplot2, plotly

Compatible for Machine Learning

Very Strong IDE like R Studio

Useful for Web Application

Used in Almost Every Industry

Cross Platform Compatibility

# Career Opportunities for R Programmers

The screenshot shows a Google search interface with the query "career opportunities for r programming in Mumbai" and the location "Near Mumbai, Maharashtra". The search results are filtered by "JOBS". The top navigation bar includes "JOBS", "SAVED", and "ALERTS". Below the search bar, there are filters for "Title", "Location", "Date posted", "Type", "Company type", and "Employer". A row of job category buttons includes "All", "Data scientist", "Specialist", "Analytics manager", "Data analyst", "Engineer", "Tutor", "Architect", "Business", "Data science", "Desk analyst", "Health", "Learning engineer", "Manager", and "Professional".

Three job listings are visible in the left sidebar:

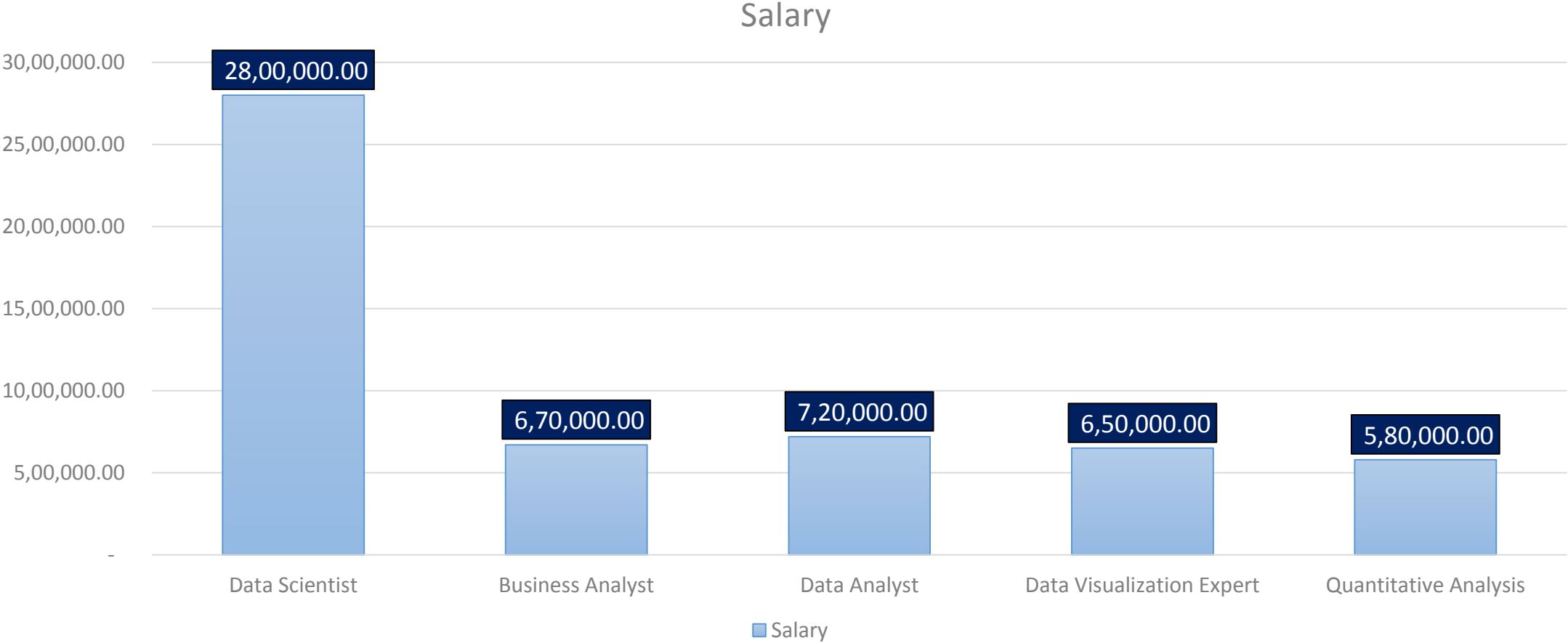
- R Developer** at KloudData, Mumbai, Maharashtra (+1 other), via TimesJobs, posted 12 days ago, Full-time.
- Looking For A Tech Lead With Hands On With Python / R Programming** at DIGIFOCAL IT SOLUTIONS PRIVATE LIM..., Thane, Maharashtra (+1 other), via MNC Jobs In India, posted 23 days ago, Full-time.
- Lead Data Analyst - Python/R/SQL (5-10 yrs) Mumbai (Analytics ...)** at Orange Ladders, Mumbai, Maharashtra, via LinkedIn.

The main job listing is for **KeiBANK - Business Analyst - R/Python Programming** at KeiBANK, Mumbai, Maharashtra. It includes a "SAVE" button and a link to "Apply on Hirst.com". The listing is dated "Over 1 month ago" and is a "Full-time" position. The employer is "KSF Technologies" and the role is "Business Analyst (Mumbai)". A brief description of the firm is provided: "About the Firm : KSF Technologies is a fintech start-up that has developed a suite of products to help banks and financial institutions improve recovery rates in stressed accounts / NDAs through technology driven smart solutions."

At the bottom of the sidebar, there is a toggle switch to "Turn on email alerts for this search".

Click here to view this web page

# Salary Package



Source: <https://data-flair.training/blogs/r-careers/>

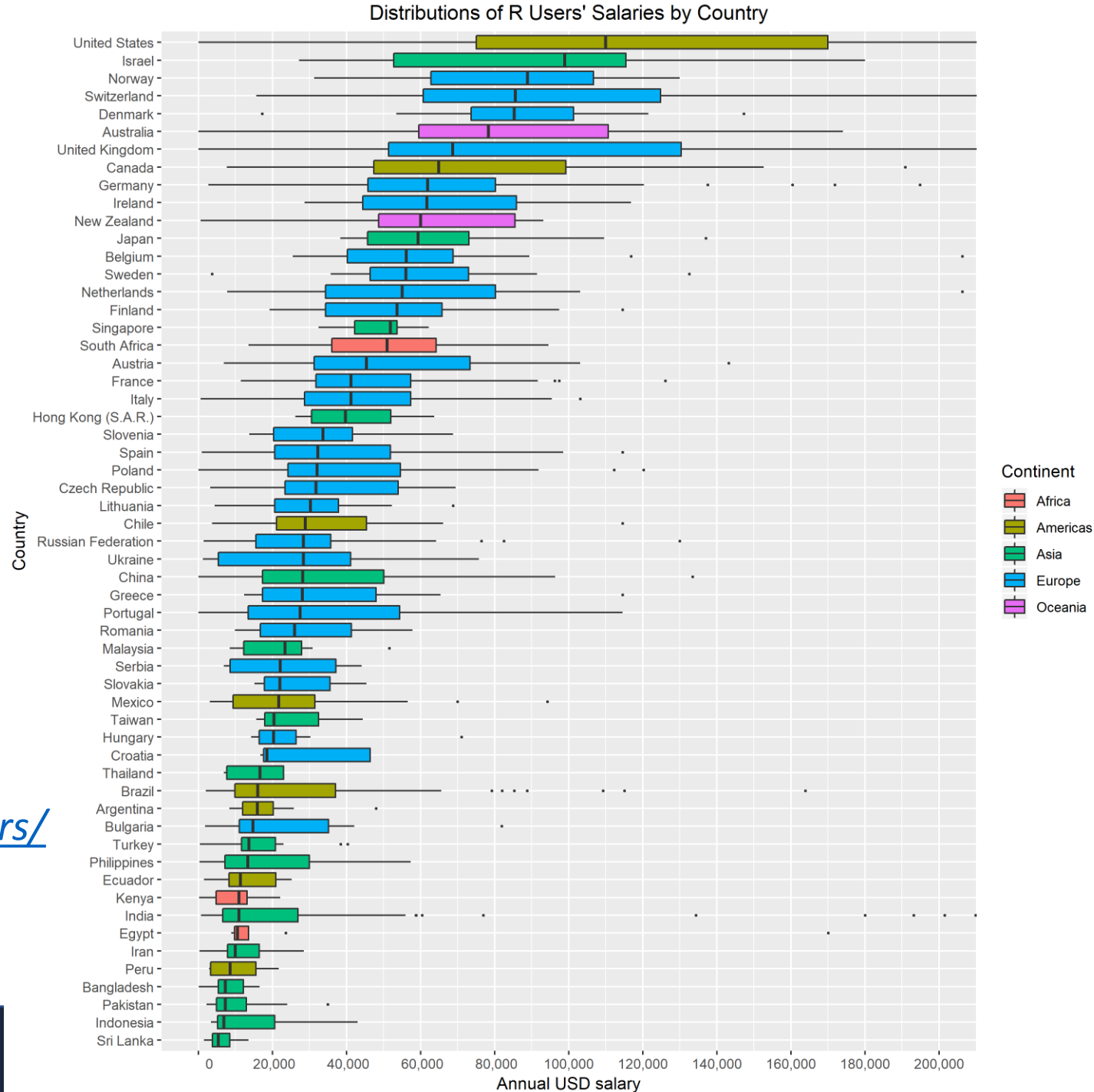
# Packages for R Programmer



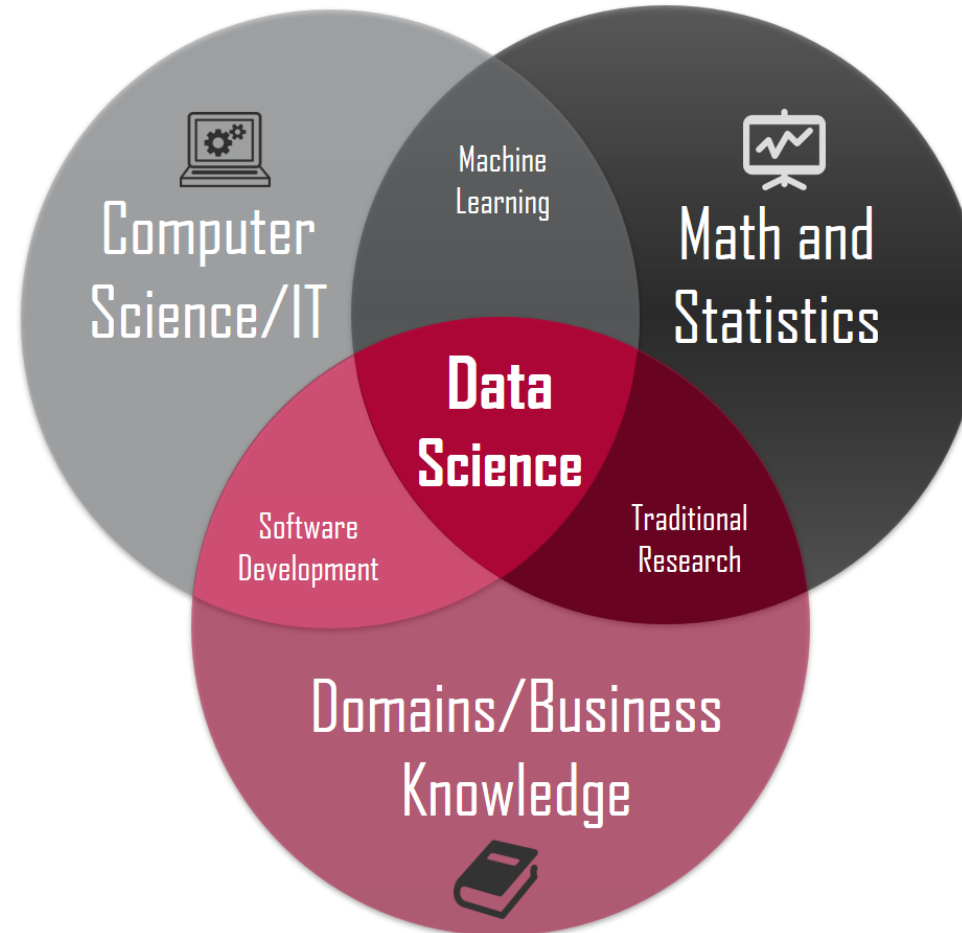
Source : <https://www.payscale.com/research/IN/Skill=R/Salary?signedUp>

# Salary Package Distribution among Country

Source: <https://data-flair.training/blogs/r-careers/>



# Data Science



[https://medium.com/@iphs\\_tech/believing-these-8-myths-about-what-is-data-science-keeps-you-from-growing-528f1bd240dc](https://medium.com/@iphs_tech/believing-these-8-myths-about-what-is-data-science-keeps-you-from-growing-528f1bd240dc)



# 8 Myths about the Data Science

More data means higher accuracy

Data scientists will be replaced soon by AI

Learning a Tool is sufficient to become a Data Scientist

Data science is related to business intelligence

Your company isn't big enough to need data analyses

You must report on every single metric

Data Collection is Easy

You need to have a Coding/Computer Science Background

[https://medium.com/@iphs\\_tech/believing-these-8-myths-about-what-is-data-science-keeps-you-from-growing-528f1bd240dc](https://medium.com/@iphs_tech/believing-these-8-myths-about-what-is-data-science-keeps-you-from-growing-528f1bd240dc)

# Responsibilities of Data Scientist

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- Identifying the data-analytics problems that offer the greatest opportunities to the organization
- Determining the correct data sets and variables
- Collecting large sets of structured and unstructured data from disparate sources
- Devising and applying models and algorithms to mine the stores of big data
- Identify patterns and trends
- Interpreting the data to discover solutions and opportunities
- Communicating findings to stakeholders using visualization and other means

# Sources to find the R Jobs

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LinkedIn

Glassdoor

Indeed

Shine

Monster

Times  
Jobs

# Companies using R

## Companies Using R

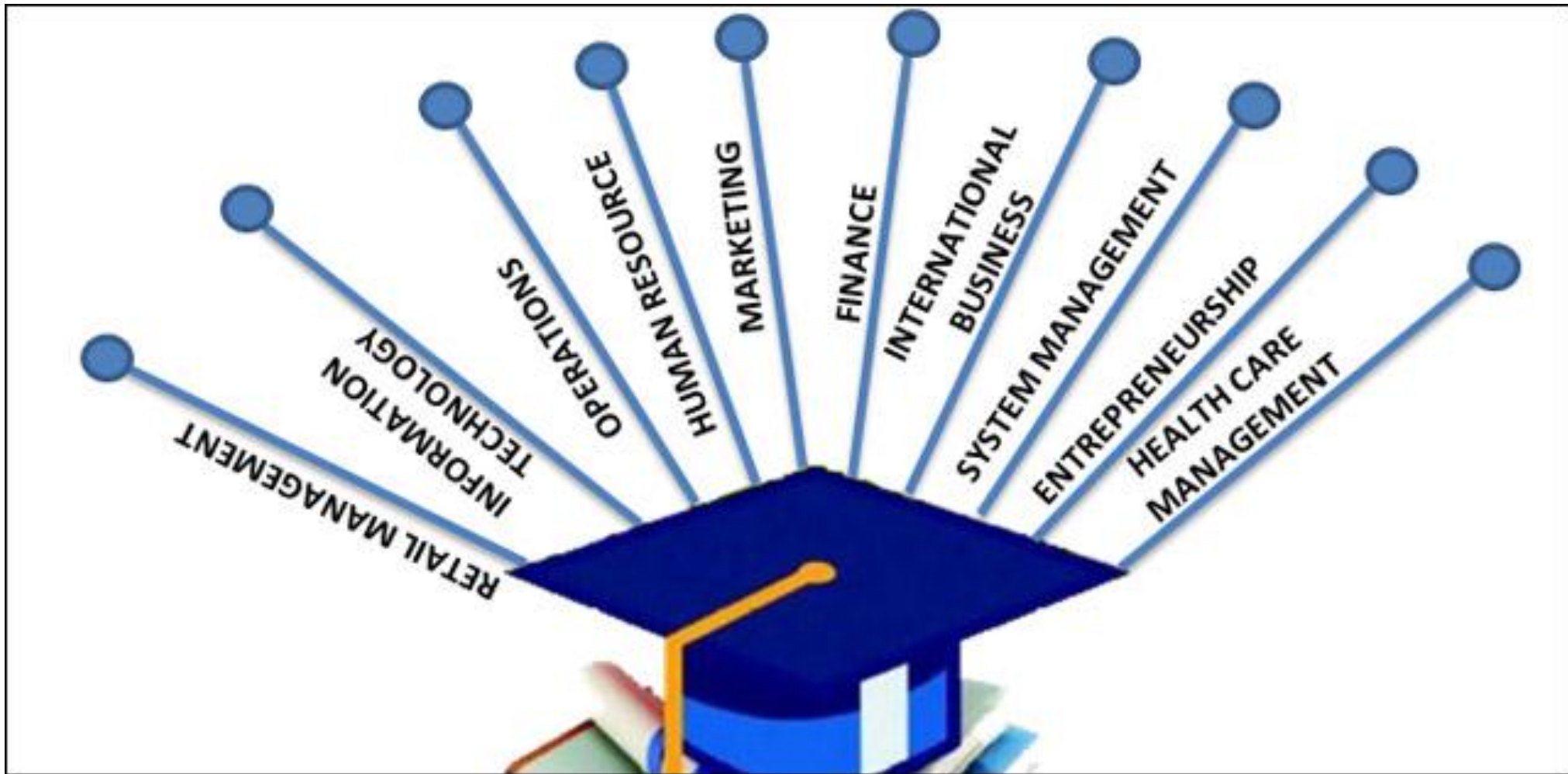


Source: <https://data-flair.training/blogs/r-careers/>

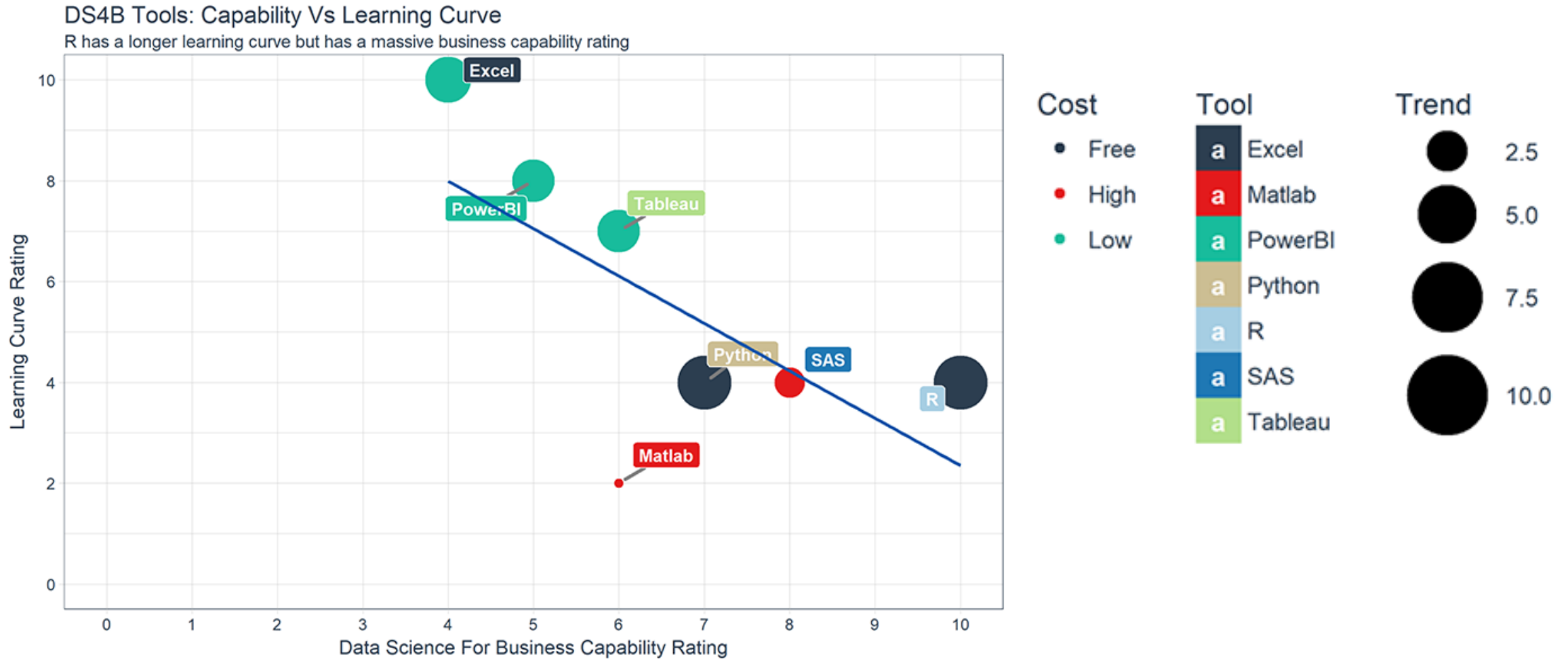
# Why an MBA student learn R?

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# Specialization in MBA



# Reason#1 R Has The Best Overall Qualities For Business



<https://www.business-science.io/business/2017/12/27/six-reasons-to-use-R-for-business.html>

## Reason#2 R Is Data Science For Non-Computer Scientists



*No need to have  
programming  
background.  
Anyone can learn  
easily and effectively*



## Reason#3 Learning R Is Easy With immense powerful packages

dplyr &  
tidyverse

- These are so powerful packages to deal with clumsy data and easily can be summarize in the useful information.

Ggplot2  
& Plotly

- It can convert your data into visualization and give more meaning to your data

## Reason#4 R build for Business

Shiny,  
Markdown,  
Flexdashboard

- These are the packages which can be used to create a Dashboard and effective documentation.

## Reason#5 R Community Support



*R has got huge  
community  
support to  
resolve your  
queries*

# From where to Start

---

# Always start from the Basic

*Don't jump to  
the unknown  
water without  
knowing the  
depth of it.*



# ONLINE 5 DAYS CERTIFIED COURSE ON R PROGRAMMING FOR DATA ANALYST



TIME : 7 PM TO 9 PM  
DATE : 26 TO 30 MAY-2020

## Content

- Introduction to R
- Data Structure and Data Types
- Import data from various sources
- Package Management
- Slicing from the Data frame
- Conditional Statement
- Concept of Looping
- Define a Function
- Introduction of Statistics
- Data Visualization using ggplot2

~~Fees  
1499 INR  
Only~~

999 INR



Hiren Kakkad  
CEO & Co-founder  
Stat Modeller

## For Registration

Call on 9898233268

Visit

[www.statmodeller.com/  
events](http://www.statmodeller.com/events)





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