

Quick Guide of ABC Segment Report

1. The R Scripts Function and Organization:

名称	修改日期	类型	大小
 Alluvial	2015/7/31 16:31	R 文件	1 KB
 Load	2015/8/11 11:25	R 文件	2 KB
 Make_abc	2015/7/31 16:19	R 文件	1 KB
 Province Segment	2015/7/31 16:53	R 文件	2 KB
 Terminal Segment	2015/7/31 16:44	R 文件	7 KB

The ABC Segment Report is consist of 5 R script files. **Load.R** used to load data from **Data folder**, **Make_abc.R** is the function to perform ABC segment, **Province Segment.R** and **Terminal Segment.R** is used to perform province level and terminal level analysis and Alluvial is used to generate Alluvial Chart to present the segment progress year by year. Also, we have **Segment_ABC.RMD** file that saved in **Document folder**

2. Use the program step by step:

When start a forecast session, you need follow below procedure:

Step1: Open the **Segment_ABC.RMD** to **a.** initialize path of involved files; **b.** Change the content of tile part; **c.** Change the report content if needed

Step2: Open the **Load.R** and change the path of data source. Then save the file.

```
---
title: "ABC Segmentation Report (Beta Version)"
author: "CCDS Publicshed: June 30, 2015"
date: "NATIONAL - ALL PRODUCTS"
output: pdf_document
---

```{r echo=FALSE, warning=FALSE, message=FALSE, results='hide'}
Setup working directory
setwd("c:\\work\\R_ABC_ALL")

library(tidyr)
library(plyr)
library(dplyr)
library(lubridate)

library(ggplot2)
library(alluvial)
library(scales)
library(grid)

library(knitr)

source("c:\\work\\R_ABC_ALL\\R\\Load.R")
source("c:\\work\\R_ABC_ALL\\R\\Make_abc.R")
```

##Executive Summary

According to the TMS of 2014, the sales value of Anhui province was 2,052,875 thousand (CNY). The total sales and growth rate of A, B, C segments in 2014 was 1,641,911, 308,283, 102,680 thousand (CNY) and 14.4%, 14.5% and 14.4% respectively.
```

Step 3: Click the button of Knit PDF in the top-left of Rstudio to generate PDF report (the system need to well configured and could generate PDF from R Markdown)

