

# Analysis of Solution Data

Master Thesis by

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July 2015

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### Affidavit

#### Herewith I declare:

- that I have independently composed the chapters of the Master Thesis for which I am named as the author.
- that i did not use any other sources and additives but the ones specified.
- that I did not submit this work for any other examination procedure.

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# Eidesstattliche Erklärung

Ich versichere, dass ich die Kapitel der Arbeit, für die ich als Verfasser genannt werde
selbständig verfasst habe, dass ich keine anderen, als die angegebenen Quellen und Hil-
fsmittel benutzt habe und dass ich diese Arbeit bei keinem anderen Prüfungsverfahren
vorgelegt habe.

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# Abstract

#### Part I

## Introduction

#### 1 About SAP

This is a section about SAP AG. Will fill this later..

#### 2 Concept and Motivation

My Idea for a thesis started when I came to know about the BSR coordinators where still using the good old Microsoft Excel to create Charts and Figures to calculate and distribute the monthly visitor statistics of the SAP Solution Explorer home page.

It was during this time I was working on the SAP UI5 framework and the HANA Cloud Platform, building web pages with an ability to view it also on smart phones, tablets and also regular computers without the loss of information or the usability.

I approached my manager and gave this idea that I would build dashboards for the users with the data extracted from the Solution Explorer tool. The advantages of this would be the on the fly statistics creation of the different Vistors from any location using a smart phone or a laptop.

### 3 Brief Introduction about the Chapters that follow

#### Part II

# Background

- 4 Overview
- 4.1 Need for a tool
- 4.2 Improvements and Increase of use in Mobile Technology
- 4.3 Development of cloud based systems
- 4.4 Advancement in In-memory databases
- 4.5 Web Analytics
- 5 Solutions / Products Used
- 5.1 Solution Explorer
- 5.2 BSR Authoring Tool
- 5.3 Tracker API
- 5.4 WARP API
- 5.5 Data Explorer
- 5.6 Piwik
- 6 Objectives

#### Part III

# Requirement Analysis

- 7 Use Case Coordinators
- 8 Dashboards Block Diagram

#### Part IV

# Part VIII Conclusion and Outlook

# Part IX End Material

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# List of Theorems

## References