



Adaptive Data Visualizations FramEwork

<http://advise.cs.ucy.ac.cy>

**PROJECT DELIVERABLE**

B-annual Progress Report



University of Cyprus  
Department of Computer Science

**Deliverable Number**

**D1**

---

<b>Contractual Date of Delivery</b>	30/06/2017
<b>Actual Date of Delivery</b>	30/06/2017
<b>Deliverable Status</b>	Work in Progress
<b>Deliverable Type</b>	Report
<b>Main Editor</b>	Panagiotis Germanakos (UCY)
<b>Partners Contributing</b>	George Samaras (UCY)
<b>WP contributing to the Deliverable</b>	WP1: Project Management

---

**TABLE OF CONTENTS**

1. Project Implementation Progress..... 3

2. Budget Implementation ..... 4

## 1. PROJECT IMPLEMENTATION PROGRESS

<b>Completed Work-Packages</b>	
Work-Packages in Progress	WP3
<b>Completed Deliverables</b>	D12
Pending Deliverables (expected completion)	D13 (expected M12)
<p>The project proceeds as planned. All deliverables of the first six months of the project have been successfully completed (D12). D13 which is planned to be completed in Month 12 is currently found at 50% of completion.</p> <p>An extensive review of the data analytics and visualizations, as well as adaptation, personalization and user modelling areas took place, extending not only in the academic but also the business sector. Several meetings have occurred with all the consortium members at a theoretical and more technical level in order to clarify the requirements and use case scenarios. More specifically, key challenges included the selection of the cognitive factors that would more inclusively constitute the more dynamic part of the users' model in the data visualizations domain, the extraction of the end-users' expertise/ skill levels based on their business roles (there is not, to our knowledge, currently any standardized related tool available), the integration of the cognitive aptitude tests under a seamless interactive environment, the type of visualizations that would be more applicable for investigation in relation to the end-users' most frequent tasks and actions towards their daily decisions, to mention but a few.</p> <p>Additionally, a first version of the user modelling architecture, encompassing the main cognitive aptitude tests of ADVise has been drafted and we are now proceeding with the design of all the components of the ADVise framework.</p> <p>Finally, the ADVise Web-site (<a href="http://advise.cs.ucy.ac.cy">http://advise.cs.ucy.ac.cy</a>) has been released at an early stage in order to keep track and organize all members. All completed deliverables, reports and results may be downloaded through the "Private" section of the project's Web-site.</p>	
<b>Problems Encountered</b>	
<p>The recurring reduction of the project's budget created a number of difficulties regarding the scope and feasibility of the scientific part of the project. We went through the process of re-evaluating the scope, objectives, WPs and the depth and breadth of the research outcomes so to balance the effort of the partners without jeopardizing the viability and quality of the final results. The expertise, engagement and dedication of all the involved parties helped the project team to overcome the cold start and adapt to the new dynamics and constraints of the current situation. In this respect, it is noteworthy that many key partners agreed to offer their services and undertake tasks without getting compensated, but rather believing in the high potential of ADVise research output and scientific contribution in the field.</p>	

## 2. BUDGET IMPLEMENTATION

<b>Total Project Budget</b>	<i>pending</i>
Budget Received from UCY so far	<i>pending</i>
Actual Expenses Incurred so far	
<b>Comments</b>	