

# Supplemental Materials for EuroVis 2023 Short Paper

## *A Business Intelligence Dashboard for the Phone: Small-scale Visualizations Embedded into a Mobile Analysis and Monitoring Solution*

### INTERVIEW PARTICIPANTS

#### Details of all expert interviews and participants

ID	Company	Role	Duration (min.)
E0	F	Senior Manager BI	45
E1	H	BI Project Manager	45
E2	H	BI Specialist	35
E3	H	Report Owner Technical Performance	30
E4	H	Sales Controlling	30
E5	L	Corporate Development	50
E6	G	Managing Director	30
E7	G	Senior Business Controller	60
E8	B	Managing Director	40
E9	G	Managing Director	30
E10	G	Managing Director	40
E11	C	Managing Director	45
E12	J	Competence Development Officer	40
E13	E	Senior Consultant BI	35
E14	D	Senior Director	45
E15	I	Project Manager	55
E16	M	VP Controlling Systems & BI	30
E17	L	SVP Manufacturing	45
E18	A	Data & AI Lead	30
E19	K	VP Sales and Business Development	40

#### Information about the participants' employers

ID	Size (Employees)	Industry
A	144000	Computer Software
B	6	Consulting
C	11	Consulting
D	45	Consulting
E	4400	Consulting
F	11000	Consulting
G	900	Chemicals Distributor
H	3800	Consumer Goods
I	1000	Finance
J	10200	Finance
K	300	Medical Technology
L	2000	Medical Technology
M	5000	Pharmaceuticals

# INTERVIEW QUESTIONS

## Introduction

This interview guide is designed to provide an overview of the topic, goals, and key questions of the expert interviews regarding mobile dashboards.

The project aims at exploring and researching possible use cases, data categories and requirements to create a dashboard application that is tailored to mobile devices like smartphones. The focus of our work is on researching and developing visualization techniques for monitoring of key performance indicators (KPIs). Conducting interviews with experts from different industries, departments and roles helps us to assess current challenges and requirements for mobile reporting, thus ensuring practical relevance of our research.

## Goals

- Learn about possible use cases for mobile dashboards
- Explore data categories that should be displayed in a mobile dashboard
- Collect possible requirements (functional and quality) for a mobile dashboard application

## Participant Information

- In what industry do you work?
- In what department and in what position do you work?
- How often do you need to interact with visualizations or dashboards?

## Key Questions

### Reporting and BI

- Do you currently use any reporting or dashboarding tools in your daily work?
- What data is most important to you (in terms of KPIs vs. detailed data, financial or operational numbers etc.)?
- How current is this data?
- Do you have any good or bad examples, challenges or highlights within your current reporting environment?

### Mobile Dashboards

- Are there any scenarios in your workday where you might need mobile access to certain data?

- Do you already have mobile access to any data? If yes, is it data you need?
- What types of data would make sense to use in a mobile environment?
- How current does the information have to be? From the last day, hour, or real-time?
- How much historical data do you need (last month, YTD, YoY)?
- Do you believe that mobile dashboards could provide value for your corporation or department?

## **Application Requirements**

- On what devices does the application need to be run (in terms of size, operating system, age)?
- Is there any need for offline usage? For example, when mobile data is not available?
- Would you want to save, export, or send views for later analysis?
- Would you like to get push notifications about important business events?
- Are there any other technical requirements you can think of?

## **Open Discussion**

If you have any other input, questions, or suggestions you are very welcome to express them.