BERD Desktop: A secure environment for accessing and analyzing sensitive data

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BERD@BW Overview

Business & Economic Research Data

[Diagram: A smartphone icon points to a data flow symbol, indicating data movement between business and economic research data.]
**BERD@BW Overview**

**Business & Economic Data**

- BERD Desktop for sensitive data
- Interactive Virtual Assistant (iVA)
- Course (series): „Data Literacy Snacks“ and „Good Practices for Managing Data“

**Developing Infrastructure**

**Data Sources**
- Mannheim Web Panel
- Open Big Data Directory
- Wikibase Knowledge Graph

**Training & Consultation**

**Linking Data**
- Reconciliation Services
- Named Entity Linking
### BERD Desktop – The Problem

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Sensitive data from/about individuals or firms

**Standard solution:**

On-site guest work station (or no sharing at all)
• Provide the data and data analysis tools through a secure remote environment → BERD Desktop

• Virtual Machine on bwCloud
  • Most common analysis tools / frameworks in business & economics installed (RStudio, Python, Stata)

• Sensitive data is provided

• Access via remote desktop

• Configuration to prevent data extraction

• Organizational measures
  • Data administrator
  • Data sharing agreement