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## Plan Overview

*A Data Management Plan created using DMPonline*

**Title:** Analysis of the Current Situation and Future Development Trends of the Smart Elderly Care Industry

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**Template:** DCC Template

### **Project abstract:**

With the aggravation of population aging, intelligent old-age care has become an important trend at present and in the future. This paper makes an in-depth analysis of intelligent old-age care from the aspects of its development status, future development trend, technological innovation, policy support, social acceptance improvement, business model innovation, service quality improvement and personalized demand satisfaction.

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# Analysis of the Current Situation and Future Development Trends of the Smart Elderly Care Industry

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## Data Collection

### What data will you collect or create?

Collect the current status of smart pension on China's Baidu website, CNKI, etc

### How will the data be collected or created?

Collect the trend analysis of smart elderly care on websites such as CNKI and China Weibo

## Documentation and Metadata

### What documentation and metadata will accompany the data?

Analysis of the current situation and development trend of smart pension.

## Ethics and Legal Compliance

### How will you manage any ethical issues?

Discuss anonymous and non-anonymous options with participants, make sure all the pros and cons are covered, and then let them decide for themselves. In conclusion, it is necessary for us to seek better ways to treat participants in our research, including: 1. replacing "informed consent" with the power to assess risk; 2. Remuneration for the time and expertise that participants contribute to the research; 3. Support participants to make their own decisions about whether to be anonymous or not.

### How will you manage copyright and Intellectual Property Rights (IPR) issues?

This is achieved through the use of strong passwords, multi-factor authentication, permission management, and audit logs. For sensitive data, more stringent access control policies can be adopted, such as fine-grained permission control using access control lists (ACLs) or access control matrices (ACMs). 2) Classify and label data.

## Storage and Backup

### How will the data be stored and backed up during the research?

(1) Back up important files to the personal network disk (NAS) allocated in the group through FreeFileSync, and automatically check the update synchronization, method: Research Data Backup and Synchronization Solution (FreeFileSync) - Dorad's Articles - Zhihu zhuanlan.zhihu.com/p/11 (2) Upload some files that need to be shared to the shared disk (NAS) in the group in time, and update the things in the personal disk to the backup disk (NAS) regularly; In the event of an accident, the data can be used in the network disk for backup.

**How will you manage access and security?**

Manage access and security with access control, identity authentication, data confidentiality, and disaster recovery.

**Selection and Preservation**

**Which data are of long-term value and should be retained, shared, and/or preserved?**

The current situation and development trend of smart pension have long-term value and should be retained.

**What is the long-term preservation plan for the dataset?**

It is stored in the network disk and USB flash drive, as well as in the data backup of the computer.

**Data Sharing**

**How will you share the data?**

Publish the data and research analysis results on websites such as CNKI.

**Are any restrictions on data sharing required?**

No

**Responsibilities and Resources**

**Who will be responsible for data management?**

Zhuyunhui

**What resources will you require to deliver your plan?**

Data analysis of CNKI and various mainstream media websites.

# Planned Research Outputs

## Collection - "Analysis of the current situation and development trend of intelligent elderly care."

At present, the wisdom of the elderly is still in the development stage, after the development of science and technology, the wisdom of the elderly will make the elderly life more comfortable and happy.

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### Planned research output details

Title	DOI	Type	Release date	Access level	Repository(ies)	File size	License	Metadata standard(s)	May contain sensitive data?	May contain PII?
Analysis of the current situation and development ...		Collection	2024-03-23	Open	None specified		Creative Commons Zero v1.0 Universal	None specified	No	No