Access: Screenshots + Explaining modules and years

Variable Description

HHI

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| **Variable Name** | **Description** |
| GEBJAAR | Year of birth of the respondent |
| GESLACHT | Sex of the respondent (1 = male, 2 = female) |
| POSITIE | The respondent’s position in the household (1 = head of the household, 2 = spouse, 3 = permanent partner (not married), 4 = parent (in law), 5 = child living at home, 6 = housemate, 7 = family member or boarder) |
| OPLZON | Highest level of education attended (1 = special education, 2 = kindergarten/primary education, 3 = pre-vocational education, 4 = pre-university education, 5 = senior vocational training, 6 = vocational colleges, 7 = university education, 8 = no education, 9 = other education) |
| OPLMET | Highest level of education completed (same categories as OPLZON) |
| BEZIGHEI | Primary occupation of the respondent (1 = employed, 2 = works in own business, 3 = freelance, 4 = looking for work, 5 = looking for first-time work, 6 = student, 7 = works in own household, 8 = retired, 9 = disabled, 10 = unpaid work, 11 = volunteer, 12 = other, 13 = too young) |
| AANTALHH | Number of household members (1 = 1 person, 2 = 2 people, 3 = 3 people, etc.) |
| AANTALKI | Number of children in the household (0 = none, 1 = 1 child, 2 = 2 children, etc.) |
| STED | Degree of urbanization (1 = very high, 2 = high, 3 = moderate, 4 = low, 5 = very low) |
| REGIO | Region (1 = Three largest cities, 2 = Other West, 3 = North, 4 = East, 5 = South) |
| PROV | Province (20 = Groningen, 21 = Friesland, 22 = Drenthe, 23 = Overijssel, 24 = Flevoland, 25 = Gelderland, 26 = Utrecht, 27 = Noord-Holland, 28 = Zuid-Holland, 29 = Zeeland, 30 = Noord-Brabant, 31 = Limburg) |
| WOONVORM | Composition of the household (1 = living alone, 2 = living with partner, no children, 3 = living with partner and children, 4 = living without partner but with children, 5 = other) |
| ACCOUNT | Person most involved with financial administration (0 = no, 1 = yes) |
| KOSTWIN | Main wage earner of the household (0 = no, 1 = yes) |
| PARTNER | Presence of a partner in the household (0 = no, 1 = yes) |
| WONING | Type of accommodation (1 = owner-occupied, 2 = rented, 3 = sub-rented) |

INC

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| **Conceptual Group** | **Description** |
| Physical Measurements | Variables measuring the respondent's height in centimeters and weight in kilograms. |
| General Health Status | Variables assessing the respondent's overall health status, including general health perception and changes in health status compared to the previous year. |
| Chronic Conditions and Disabilities | Variables identifying the presence of long-term illnesses, disorders, or disabilities, including their type and impact on daily life. |
| Lifestyle Factors | Variables examining the respondent's smoking behavior, such as frequency of cigarette use. |
| Healthcare Utilization | Variables about the number of times the respondent contacted healthcare providers. |

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| **Conceptual Group** | **Description** |
| Employment Income | Variables detailing income from paid jobs, including gross and net income from multiple employers. |
| Self-Employment Income | Variables related to income from self-employment, freelance work, and business activities. |
| Social Security Benefits | Variables on income from various social security benefits such as unemployment, disability, and old-age pensions. |
| Family and Child Support | Variables examining support received for child and family care, including alimony and parental support for studies. |
| Investment and Property Income | Variables on income from investments, real estate, interest, dividends, and other financial assets. |

PSY

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| **Conceptual Group** | **Description** |
| Financial Literacy and Knowledge | Variables assessing the respondent's understanding of financial concepts and ability to manage personal finances. |
| Income Expectations | Variables measuring the respondent's expectations regarding future income and financial security. |
| Economic Behavior | Variables examining the respondent's economic decisions and behavior, such as saving habits, investment choices, and spending patterns. |
| Debt and Credit | Variables related to the respondent's debt levels, types of credit used, and attitudes towards borrowing. |
| Risk Preferences | Variables measuring the respondent's willingness to take financial risks. |
| Time Preferences | Variables assessing the respondent's preference for immediate versus delayed rewards. |
| Behavioral Traits | Variables examining psychological traits such as impulsivity, self-control, and planning behavior. |
| Life Satisfaction and Well-being | Variables measuring overall life satisfaction, happiness, and psychological well-being. |

Merged:

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| **Variable Name** | **Description** |
| nohhold | Household identifier |
| nomem | Household member identifier |
| gebjaar | Year of birth |
| geslacht | Sex of the respondent (1 = male, 2 = female) |
| oplmet | Highest level of education completed |
| gez3 | Self-reported general health status |
| gez5 | Presence of long-term illness or handicap |
| gez7 | Smoking habits |
| Ij161 | Annual household income |
| finsitu | Financial situation (self-assessed) |
| ecsit | Economic situation (self-assessed) |
| opzij | Savings behavior (self-assessed) |

Ideation:

* EDA – usage example
* Research topics
* combine with other datasets – usage example, merge on hh\_id or year aggregated, join happens on 2 var

1. choose datasets, understand what variables exist and what are interesting
2. group variables and choose
3. analysis:
   1. numerical
      1. descriptive statistics
      2. distribution analytics
      3. correlation analytics
   2. non-numerical
      1. frequency distribution
      2. mode
      3. unique values?
4. Possible research topics
   1. Trend analysis between years potentially, comparing means of different years, between different age segments potentially
   2. Other research topics
5. EDA for 3 datasets merged: correlation description (how does age and income correlate, how do smoking habits relate to income or to self assessed financial situation) (Benedict)
6. age segments comparison barplot, spatial comparison of income, economic situation, savings behavior, health status (Duci)
7. Other research topics and questions, which variables would be needed, one research topic from the variables curently(Duci)

Slides

Ein Bild, das Text, Karte enthält.

Automatisch generierte Beschreibung

Ein Bild, das Text, Diagramm, Screenshot, Farbigkeit enthält.

Automatisch generierte Beschreibung

1. Socioeconomic Factors and Smoking Habits
   1. What is the relationship between socioeconomic status (income, financial situation, economic situation) and smoking habits?
   2. Variables: ij161, finsitu, ecsit, gez7
   3. Logistic regression to predict smoking habits and identify factors that influence smoking habits
2. Trend Analysis of Gender Differences in Health and Economic Outcomes
   1. Are there significant differences between genders in terms of health status, income and economic situation and have they changed over the years?
   2. Variables: geslacht, ij161, ecsit, gez3
   3. Comparative Analysis using t-tests or ANOVA