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FINAL PROJECT
LIGHTNING TALK





#1 POTENTIAL PROJECT TOPIC

**YOUNG PEOPLE
SPENDING HABITS**

THE PROBLEM

- ▶ Everyone wants to cultivate better money habits.
- ▶ Over time, it becomes more difficult to change a habit because that habit become more natural to who we are and how we act.
- ▶ An important part of forging better money habits is not just understanding *what* you spent but *why* you spend the way you do

DATA

- ▶ Data is from a survey made with 1010 students in 2013.
- ▶ The data file (responses.csv) consists of 1010 rows and 150 columns (139 integer and 11 categorical).
- ▶ The data contain missing values.
- ▶ All participants were from Slovakian nationality, aged between 15-30.
- ▶ The variables can be split into the following groups:
 - ▶ (1) **music preferences**, (2) **movie preferences**, (3) **hobbies & interests**, (4) **phobias**, (5) **health habits**, (6) **personality traits**, **views on life & opinions**, (7) **spending habits** and (8) **demographics**.

HYPOTHESES

Can we **predict spending habits** of a person from his/hers **personality traits, views on life & opinions?**



#2 POTENTIAL PROJECT TOPIC

WHO VISITED BRAZIL

THE PROBLEM

- ▶ Since 2013, Brazil government invested more than 4 billion dollars to develop the tourism in the country.
- ▶ Through direct and indirect activities, the government estimates that the tourism activity brings 160 billion dollars a year.
- ▶ How and where are the best cities to invest more?

DATA

- ▶ Data is from the “Brazil Open Data Portal”.
- ▶ Contains the number of international tourists arriving in Brazil each month from 1989 to 2015.
- ▶ Content:
 - ▶ (1) **continent**, (2) **country**, (3) **state of arrival**, (4) **way in**, (5) **year**, (6) **month**, (7) **count**.

HYPOTHESES

Who is going to visit Brazil in the future? What kind of information can we **predict** about future international tourists of Brazil?



#3 POTENTIAL PROJECT TOPIC

AMERICAN TIME USE

THE PROBLEM

- ▶ Time is limited...
- ▶ Not having control of your time can be stressful.
- ▶ Free time is necessary:
 - ▶ For most of us is hard to find even 10 minutes to sit and do nothing.

DATA

- ▶ Data is from the American Time Use Survey (ATUS).
- ▶ The goal of the survey is to measure how people divide their time among life's activities.
- ▶ There are 8 datasets containing micro-data from 2003-2015:
 - ▶ (1) **respondent file**, (2) **roster file**, (3) **activity file**, (4) **activity summary file**, (5) **who file**, (6) **CPS 2003-2015 file**, (7) **eldercare roster file**, (8) **replicate weights file**.

HYPOTHESES

How do **daily activities** differ by **income** and **geographical region**?