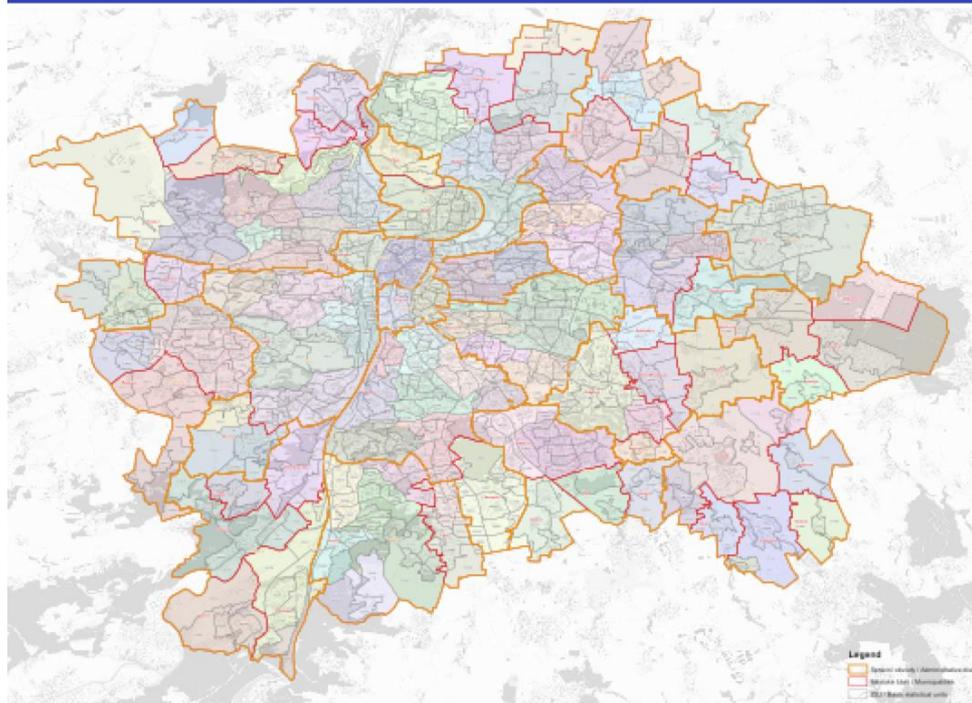


# DATATHON: A USER'S GUIDE TO AVAILABLE DATA

## UNIT OF ANALYSIS:

The main unit of analysis will be 916 microdistricts in Prague



## SOURCES OF DATA:

We will have five main sources of data for each of these districts

Type	Description	Source
1 Geographical + public transport data (2015)	<b>Built environment:</b> buildings and physical structure, land topology and use, urban and zoning plans, public transport access, pollution, noise levels...	<ul style="list-style-type: none"><li>Prague planning office</li><li>Public transport company</li></ul>
2 Census data (2011)	<b>People:</b> gender, age, education, religion, nationality, citizenship, occupation, employment, type of accommodation (rent/own), migration, etc.	<ul style="list-style-type: none"><li>Czech Statistical office</li></ul>
3 Panel data on population and childbirth (2007, 2011, 2015)	<b>People:</b> survey data on child gender, frequency of birth, citizenship of parents, rank of newborn baby, age of parents, number of babies	<ul style="list-style-type: none"><li>Czech Statistical office</li></ul>
4 Real estate data (12/2015)	<b>Property and services:</b> average advertised price of residential and commercial real estate, detailed information about properties and neighborhood amenities	<ul style="list-style-type: none"><li>Online real estate portal <a href="http://Sreality.cz">Sreality.cz</a></li></ul>
5 People movement data (2016)	<b>Movement:</b> where people live, work, spend time during the day and night	<ul style="list-style-type: none"><li>O<sub>2</sub>, one of three largest mobile operators</li></ul>

## STRUCTURE OF DATA:

Our available data typically follows a common structure. It starts with 7 columns specifying the City (Prague), Neighborhood (Bohnice), Municipality (Praha 8), and Micro district (Bohnice-sever). Each of these areas except the city (which is always the same) also has an assigned code, which will help you group neighborhoods into larger units if you need to. Each document has 916 lines because the basic unit of analysis is the Micro district (základní sídelní jednotka in Czech).

Sometimes, data was not available for all microdistricts. This could be for several reasons. One is that the event did not occur (e.g., no one died in a given micro district in a given year). Another one is that some data does not make sense to calculate for a given district (e.g. average age of death where no one died). The last one is that some data was just not possible to calculate (e.g., father's nationality was unknown or unreported when a child was born).

All the data is translated into English. If you'd like to have a look at the original Czech data sources, please talk to Maya Kopecká.

City	Neighborhood code	Neighborhood name	Municipality code	Municipality name	Microdistrict code (ZSJ)	Microdistrict name (ZSJ)	Population Total	Total population (%)
název obce	kód části obce	název části obce	kód m.	název městské části (obvodu)	kód ZSJ	název ZSJ	u111100101	u111100102
Praha	001520	Běchovice	538060	Praha-Běchovice	0015200	Běchovice	1 407	100,00
Praha	001520	Běchovice	538060	Praha-Běchovice	3173060	Běchovice-jih	9	100,00
Praha	001520	Běchovice	538060	Praha-Běchovice	3173650	Běchovice-ústavy	854	100,00
Praha	001520	Běchovice	538060	Praha-Běchovice	3173570	Běchovice-za tratí	-	-
Praha	001520	Běchovice	538060	Praha-Běchovice	3065500	Homole-U Čecha	18	100,00
Praha	001520	Běchovice	538060	Praha-Běchovice	0015380	Nová Dubeč	578	100,00
Praha	001520	Běchovice	538060	Praha-Běchovice	3173900	U topolu	-	-
Praha	002585	Benice	538078	Praha-Benice	0025850	Benice	549	100,00
Praha	002585	Benice	538078	Praha-Benice	3176590	K Pítkovicům	3	100,00
Praha	002585	Benice	538078	Praha-Benice	3176320	Ke kříži	i.d.	i.d.
Praha	400581	Bohnice	500208	Praha 8	1305670	Bohnice-sever	i.d.	i.d.
Praha	400581	Bohnice	500208	Praha 8	1305410	Bohnice-ústav	561	100,00
Praha	400581	Bohnice	500208	Praha 8	1307610	Bohnice-Zámky	18	100,00
Praha	400581	Bohnice	500208	Praha 8	1305240	Čimický háj	10	100,00
Praha	400581	Bohnice	500208	Praha 8	1307960	Drahanská rokle-západ	-	-
Praha	400581	Bohnice	500208	Praha 8	1305320	Sídlště Bohnice-východ	6 772	100,00
Praha	400581	Bohnice	500208	Praha 8	3063550	Sídlště Bohnice-západ	6 831	100,00
Praha	400581	Bohnice	500208	Praha 8	1305590	Staré Bohnice	1 166	100,00

## **1. GEOGRAPHICAL AND PUBLIC TRANSPORT DATA (IPR)**

Document to download: Geographical data IPR.xls

Number of variables: 45

Names and descriptions of variables:

<b>Code</b>	<b>Description - English</b>
BANKOMATY	Number of ATMs in ZSJ
BANKY	Number of banks in ZSJ
BUS_AGR	Number of bus stops in ZSJ - unique presence
BUS_CELKEM	Number of bus stops in ZSJ - total
BUS_LINKY	Number of bus lines in ZSJ
CENA_BYDLENI	Average price of flats per square meter in ZSJ
CO_WORKING_CENTRA	Number of co-working centers in ZSJ
DIVADLA	Number of theaters in ZSJ
DOPORUCENE_CYKLOTRASY	Recommended cycling routes length in meters in ZSJ
DOSTUPNOST_CENTRA	Time accessibility from the ZSJ centroid to the city center via public transport
DOSTUPNOST_PARKOVA_ZELEN	Distance to the closest park from the ZSJ centroid
GALERIE	Number of galleries in ZSJ
JAZYKOVE_SKOLY	Number of language schools in ZSJ
KINA	Number of cinemas in ZSJ
KNIHOVNY	Number of libraries in ZSJ
KONCERTNI_SALY	Number of concert halls in ZSJ
KONGRESOVA_CENTRA	Number of congress centers in ZSJ
KULTURNI_PAMATKY	Number of cultural monuments in ZSJ
MATERSKE_SKOLY	Number of kindergartens in ZSJ
MODRE_ZONY	Charged parking - blue zones length in meters in ZSJ
MULTIFUNKCNI_KULTURNI_ZARIZ ENI	Number of multi-purpose culture facilities in ZSJ
MUZEA	Number of museums in ZSJ
NARODNI_KULTURNI_PAMATKY	Number of national cultural monuments in ZSJ
NAJEM_KANCELARI_MIN	Minimum month rental per square meter of office space in ZSJ
NAJEM_KANCELARI_MAX	Maximum month rental per square meter of office space in ZSJ
ORANZOVE_ZONY	Charged parking - orange zones length in meters in ZSJ
PARKOVA_ZELEN	Park areas in square meters in ZSJ (current use)
POCET_BYTU	Number of flats offered in ZSJ
PRACOVNI_MISTA	Approximate Number of jobs in ZSJ
SLUZEBNY_MPPRAHA	Number of municipal police stations in ZSJ
SLUZEBNY_PCR	Number of national police stations in ZSJ
SMISENE_ZONY	Charged parking - mixed zones length in meters in ZSJ
STANICE_METRA	Linear distance from the ZSJ centroid to the closest metro station
STANICE_VLAKU	Linear distance from the ZSJ centroid to the closest train station
STAVEBNI_POZEMKY	Average price of building plot in ZSJ
STREDNI_SKOLY	Number of high schools in ZSJ
TRAM_AGR	Number of tram stops in ZSJ - unique presence
TRAM_CELKEM	Number of tram stops in ZSJ - total

TRAM_LINKY	Number of tram lines in ZSJ
VYJIZDKA_AUTEM	Share of inhabitants commuting by car
VYJIZDKA_VEREJNOU_DOPRAVOU	Share of inhabitants commuting by public transport
VYSSI_ODBORNE_SKOLY	Number of higher vocational schools in ZSJ
ZAJMOVE_CINNOСТИ	Number of leisure activities in ZSJ
ZAKLADNI_SKOLY	Number of primary schools in ZSJ
ZDRAVOTNICKA_ZARIZENI	Number of healthcare facilities (hospitals, health centers) in ZSJ
ZELENE_ZONY	Charged parking - green zones length in meters in ZSJ

## **2. CENSUS DATA FROM CZECH STATISTICAL OFFICE**

Document to download: Population & Households CSU.xlsx

Number of variables: 1295 (reduced list of 171 key variables available)

Suggested reduced list of variables (full list of 1295 available in the excel file):

<b>Code</b>	<b>Variable</b>
u111100101	Population Total
u111100301	Population - permanent residents - total
u111100401	Population - long-term residents - total
u111100501	Population - born in the municipality of usual residence - total
u111100601	Population - living a year ago in the same municipality - total
u111100801	Population - living in apartments - total
u111100901	Population - living in institutions - total
u111101001	Population - living outside the apartments and institutions - total
u111101301	Population - citizenship: Czech Republic - total
u111101401	Population - nationality: Slovak Republic - total
u111101501	Population - citizenship: Other EU countries - total
u111101601	Population - citizenship: stateless - total
u111101701	Population - citizenship: Not identified - total
u111102001	Population - Nationality: Czech - total
u111102101	Population - nationality: Moravian - total
u111102201	Population - nationality: Silesian - total
u111102301	Population - nationality: Slovak - total
u111102401	Population - Nationality: Hungarian - total
u111102501	Population - Nationality: German - total
u111102601	Population - Nationality: Polish - total
u111102701	Population - Nationality: Roma - total
u111102801	Population - Nationality: Russian - total
u111102901	Population - Nationality: Ukrainian - total
u111103001	Population - Nationality: Vietnamese - total
u111103101	Population - Nationality: na - total
u111103301	Population - religious faith: believing - not espousing to any church or religious society - total
u111103401	Population - religious faith: believing - espousing to the church, religious society - total
u111104401	Population - religious faith: no religious beliefs - total
u111104501	Population - religious faith: NA - total
u112102501	Population - Age: 0-14 - total

u112102601	Population - Age: 15-64 - total
u112102701	Population - Age: 65 and over - total
u112102801	Population - Average age - total
u112103001	Population - Marital status: Single - total
u112103101	Population - Marital status: Married - total
u112103201	Population - Marital status: Divorced - total
u112103301	Population - marital status: Widowed - total
u112103401	Population - Age: 15+ (incl. undetected) - total
u112103501	Population - Age: 15+ (incl. undetected) - Highest completed education: no education - total
u112103601	Population - Age: 15+ (incl. undetected) - Highest completed education: primary incl. unfinished - total
u112103701	Population - Age: 15+ (incl. undetected) - Highest completed education: middle incl. apprenticeship (school) - total
u112103801	Population - Age: 15+ (incl. undetected) - Highest completed education: complete secondary (with GCSE) - total
u112103901	Population - Age: 15+ (incl. undetected) - Highest completed education: n�stavbov� studies -
u112104001	Population - Age: 15+ (incl. undetected) - Highest completed education: higher professional education - total
u112104101	Population - Age: 15+ (incl. undetected) - Highest completed education: university - total
u112104301	Population - Age: 15+ (incl. undetected) - Highest completed education: Bachelor - total
u112104401	Population - Age: 15+ (incl. undetected) - Highest completed education: MA - total
u113100101	Population Total
u113100201	Population - economically active population - total
u113100301	Population - econ. Activity: employed - total
u113100401	Population - econ. Activity: employees, employers, self-employed, assisting - total
u113100501	Population - econ. Activity: students and apprentices - total
u113100601	Population - econ. Activity: working pensioners - total
u113100701	Population - econ. Activity: women on maternity leave - total
u113100801	Population - econ. Activity: unemployed - total
u113100901	Population - econ. Activity: seeking first employment - total
u113101001	Population - econ. Activity: other unemployed - total
u113101101	Population - economically inactive - total
u113101201	Population - econ. Activity: non-working pensioners - total
u113101301	Population - econ. Activity: other with their own livelihood - total
u113101401	Population - econ. Activity: homemakers, preschool children, other dependents - total
u113101501	Population - econ. Activity: pupils, students, apprentices - total
u113101601	Population - econ. Activity: undetected - total
u114100101	Population - employed - total
u114100301	Population - employed - sector.: sectors of agriculture, forestry, fisheries - a Total of
u114100401	Population - employment - sector: Industry - total
u114100501	Population - employed - construction industry sector: - total
u114100601	Population - employment - industry sector: wholesale and retail trade, repair of motor vehicles - total
u114100701	Population - employment - industry sector: Transport and Storage - total
u114100801	Population - employment - industry sector: accommodation, food and hospitality - total
u114100901	Population - employment - industry sector: information and communication activity -
u114101001	Population - employed - sector: sector finance and insurance - total

u114101101	Population - employed - sector: sector real estate activities, professional, science. and tech. Business and Administr. and support activities - total
u114101201	Population - employment - industry sector: Public administration and defense, compulsory social security - total
u114101301	Population - employed - education sectors sector: - total
u114101401	Population - employed - sector: sector health and social care - total
u114101501	Population - employment - industry sector: undetected - total
u114101701	Population - employed - the highest completed education: primary incl. unfinished - total
u114101801	Population - employed - the highest completed education: middle vč.vyučení (no maturity) - total
u114101901	Population - employed - the highest completed education: complete secondary (with maturity) - total
u114102001	Population - employed - the highest completed education: institute -
u114102101	Population - employed - the highest completed education: higher professional education - total
u114102201	Population - employed - the highest completed education: university - total
U116100101	Population - employed - total
U116100102	Population - employed - employment status: employees - total
U116100103	Population - employed - employment status: employers - total
U116100104	Population - employed - status in employment: people working on their own account - total
U116100105	Population - employed - position at work: members of producer cooperatives - total
U116100106	Population - employed - employment status: helping family members - total
U117100101	Houses Total
U117100201	Total occupied houses
U117100401	Houses total - owned natural person
U117100501	Houses total - ownership: municipality, state
U117100601	Houses total - ownership: housing association
U117100701	Houses total - ownership: ownership of apartment owners
U117100901	Houses total - number of apartments: 1
U117101001	Houses total - number of apartments: 2-3
U117101101	Houses total - number of bytes: 4-11
U117101201	Houses total - number of apartments: 12 and more
U117101401	Houses total - the period of construction or reconstruction in 1919 and earlier
U117101501	Houses total - the period of construction or reconstruction: 1920 - 1970
U117101601	Houses total - the period of construction or reconstruction: 1971 - 1980
U117101701	Houses total - the period of construction or reconstruction: 1981 - 1990
U117101801	Houses total - the period of construction or reconstruction: 1991 - 2000
U117101901	Houses total - the period of construction or reconstruction: 2001 - 2011
U117102101	Houses total - material bearing walls: stone, bricks, blocks
U117102201	Houses total - material bearing walls: wall panels
U117102401	Houses total - Number of floors: 1-2
U117102501	Houses total - Number of floors: 3-4
U117102601	Houses total - Number of floors: 5 and more
U117102801	Houses total - technical equipment: connection to sewer system
U117102901	Houses total - technical equipment: water supply
U117103001	Houses total - technical equipment: gas
U117103101	Houses total - technical equipment: central heating
U117103201	The average age of inhabited houses Total
U117103401	Populated accommodation establishments without apartment
U117103501	Vacant houses with apartments in total
U117103701	Vacant houses with apartments in total: used for recreation
U117103801	Vacant houses with apartments in total: rebuilding the house

U117103901	Vacant houses with apartments in total: unfit for habitation
U117104001	Vacant accommodation establishments without apartment
U117104101	The number of apartments in vacant houses Total
U118100101	Apartments in total
U118100102	Apartments in family houses
U118100201	Occupied apartments in total
U118100401	Occupied apartments in total - Tenure: in her own home
U118100501	Occupied apartments in total - Tenure: private ownership
U118100601	Occupied apartments in total - Tenure: rented
U118100701	Occupied apartments in total - Tenure: Cooperative
U119100101	Occupied apartments in total
U119100301	Occupied apartments in total - a method of heating: central
U119100901	Occupied apartments in total - a method of heating: central heating - use of energy: coal, coke, coal briquettes
U119101201	Occupied apartments in total - a method of heating: central heating - energy use: electricity
U119101301	Occupied apartments in total - heating method: stoves
U119101601	Occupied apartments in total - heating method: stoves - used energy: wood, wood briquettes
U119101701	Occupied apartments in total - heating method: stoves - used energy: gas
U119101801	Occupied apartments in total - heating method: stoves - used energy: electricity
U120100101	Occupied apartments in total
U120100301	Occupied apartments in total - with one living room
U120100401	Occupied apartments in total - 2 living rooms
U120100501	Occupied apartments in total - 3 living rooms
U120100601	Occupied apartments in total - 4 living rooms
U120100701	Occupied apartments in total - with 5+ living rooms
U120100901	Occupied apartments in total - the gas introduced into the apartment
U120101001	Occupied apartments in total - water in the apartment
U120101101	Occupied apartments in total - with hot water
U120101301	Occupied apartments in total - with septic systems
U120101401	Occupied apartments in total - Self-flushing toilet
U120101501	Occupied apartments in total - with a private bathroom, shower
U121100102	Occupied homes - period of construction or reconstruction of the house: 1919 and earlier
U121100103	Occupied homes - period of construction or reconstruction of the house: 1920 - 1970
U121100104	Occupied homes - period of construction or reconstruction of the house: 1971 - 1980
U121100105	Occupied homes - period of construction or reconstruction of the house: 1981 - 2000
U121100106	Occupied homes - period of construction or reconstruction of the house: 2001 - 2011
U122100101	Total occupied apartments
U122100102	Occupied apartments with number of people in the apartment: 1
U122100103	Occupied apartments with number of people in the apartment: 2
U122100104	Occupied apartments with number of people in apartment: 3
U122100105	Occupied apartments with number of people in the apartment: 4
U122100106	Occupied apartments with number of people in the apartment: 5
U122100107	Occupied apartments with number of people in the apartment: 6+
U122100201	Occupied apartments in family houses
U123100101	Apartment households, Total
U123100102	Apartment households - number of household members: 1
U123100103	Apartment households - number of household members: 2

U123100104	Apartment households - number of household members: 3
U123100105	Apartment households - number of household members: 4
U123100106	Apartment households - Number of households: 5 and more
U123100501	Apartment households - household with personal computer: the Internet
U123100601	Apartment households - household with PC: no Internet

### **3. PANEL DATA ON BIRTHS, DEATHS AND MIGRATION**

Documents to download: Live births and deaths CSU.xlsx AND Migration CSU.xlsx  
Number of variables: 66 in first document, 40 in second document

Names and descriptions of variables:

<b>CODE</b>	<b>Variables</b>	<b>Description</b>	<b>Years available</b>
FEMALE_BIRTH_YEAR	Female live births	Count of girls born	2012-2015
MALE_BIRTH_YEAR	Male live births	Count of boys born	2012-2015
TOTAL_BIRTH_YEAR	Total live births	Total count of children born	2012-2015
PARENTS_CZECH_YEAR	Both parents Czech	Count of instances where both parents had Czech citizenship	2012-2015
PARENTS_MIXED_YEAR	One parent Czech	Count of instances where one parent had Czech citizenship while the other did not	2012-2015
PARENTS_INTER_YEAR	Both parents international	Count of instances where both parents had foreign citizenship	2012-2015
FATHER_UNKOWN_YEAR	Father unknown	Count of instances where father was of unknown citizenship	2014-2015
AVG_AGE_FATHER_YEAR	Average age father	Average age of fathers in given microdistrict	2012-2015
AVG_AGE_MOTHER_YEAR	Average age mother	Average age of mother in given micro district	2012-2015
SINGLE_YEAR	Number of single mothers	Count of mothers who were single at birth of child	2012-2015
MARRIED_YEAR	Number of married mothers	Count of mothers who were married at birth of child	2012-2015
DIVORCED_YEAR	Number of divorced mothers	Count of mothers who were divorced at birth of child	2012-2015
WIDOW_YEAR	Number of widowed mothers	Count of mothers who were widowed at birth of child	2012-2015
MALE_DEATH_YEAR	Number of death, male	Count of deaths for men	2012-2015
FEMALE_DEATH_YEAR	Number of death, female	Count of deaths for women	2012-2015
AVG_AGE_DEATHM_YEAR	Average age of death, male	Average age of death, male	2012-2015
AVG_AGE_DEATHF_YEAR	Average age of death, female	Average age of death, female	2012-2015
IMMI_0-14_YEAR	Number of immigrants - age 00-14	People who moved into the district, ages 0-14	2012 - 2015

IMMI_15-64_YEAR	Number of immigrants - age 15-64	People who moved into the district, ages 15-64	2012 - 2015
IMMI_65+_YEAR	Number of immigrants - age 65+	People who moved into the district, ages 65+	2012 - 2015
MIG_0-14_YEAR	Number of emigrants - age 00-14	People who moved out of the district, ages 0-14	2012 - 2015
MIG_15-64_YEAR	Number of emigrants - age 15-64	People who moved out of the district, ages 15-64	2012 - 2015
MIG_65+_YEAR	Number of emigrants - age 65+	People who moved out of the district, ages 65+	2012 - 2015
IMMI_MALE_YEAR	Number of immigrated males	Males who moved into the district	2012 - 2015
IMMI_FEMALE_YEAR	Number of emigrated males	Females who moved into the district	2012 - 2015
MIG_MALE_YEAR	Number of immigrated females	Males who moved out of the district	2012 - 2015
MIG_FEMALE_YEAR	Number of emigrated females	Females who moved out of the district	2012 - 2015

#### **4. REAL ESTATE DATA FROM MENTOR TOMÁŠ KŘEHLÍK**

Documents to download: Real estate\_NO ZSJ.xlsx is ready for you to view the kinds of variables that are available.

Note: These variables have not been paired with the micro districts (ZSJ). On Saturday morning, teams who think they will need this data should stop by the IPR mentor Eliška Kyzlíková, who can create relevant variables for the team's use. Meanwhile, some real estate data is also available in the geographical data. Tomáš Křehlík will also be available to answer questions on this dataset.

Number of variables: currently 35 but other variables can be created from this list.

Names of variables:

CODE	Variable
ID	ID
LONG	Longitude
LAT	Latitude
PRICE_M2	Price per m2
PRICE	Total price
RENT_SALE	Rent/Sale
FLOOR_AREA	Floor area (m2)
OWNER	Ownership
CONFIG	Configuration
FLOOR	Floor
BALCONY	Balcony or terrace

ELEVATOR	Elevator
STORAGE	Storage
ENERGY	Energy efficiency class
CONDITION	Building condition
CONSTRUCTION	Construction
DIST_BANK	Distance in m to Bankomat
DIST_BUS	Distance in m to Bus
DIST_PHARM	Distance in m to Pharmacy
DIST_METRO	Distance in m to Metro
DIST_GROCERY	Distance in m to Grocery
DIST_POST	Distance in m to Post Office
DIST_REST	Distance in m to Restaurant
DIST_SPORT	Distance in m to Sports
DIST_TRAM	Distance in m to Tram
DIST_TRAIN	Distance in m to Train
DIST_SCHOOL	Distance in m to School
TIME_BANK	Time in seconds to Bankomat
TIME_BUS	Time in seconds to Bus
TIME_PHARM	Time in seconds to Pharmacy
TIME_METRO	Time in seconds to Metro
TIME_GROCERY	Time in seconds to Grocery
TIME_POST	Time in seconds to Post Office
TIME_REST	Time in seconds to Restaurant
TIME_SPORT	Time in seconds to Sports
TIME_TRAM	Time in seconds to Tram
TIME_TRAIN	Time in seconds to Train
TIME_SCHOOL	Time in seconds to School

## **5. PEOPLE MOVEMENT DATA FROM O<sub>2</sub>:**

Document to download: O<sub>2</sub> data are proprietary, so you will only be able to get them by coming to talk to IPR mentor Eliška Kyzlíková on Saturday morning. You will need to sign a special release form.

O<sub>2</sub> provides data on how people move around various micro districts during the day and night and can give clues on how many live, work and travel through different areas.

## **6. ON DEMAND DATA:**

On Saturday, IPR mentor Eliška Kyzlíková will be available to create new variables on demand with publicly available data from IPR. These include things like pollution, noise levels, and more detailed land use data. Have a look at what else is available on this website and approach Eliška as soon as possible on Saturday if you think you'll need to use some of these variables.

Website to check: <http://www.geoportala.cz/cs/.opendata#.WCW4E3eZOLI>

**Possible variables:****3D**

- Absolute heights of buildings
- Relative heights of buildings
- Absolute elevation

**Land use**

Technical land use

**Transportation**

Bicycle paths

Summer and winter care of roads

Parking meters

Pedestrian routes

Parking in paid zones

Types of roads

Park and ride parking lots

**Geology**

Categories of radon risk

Noise (day, night)

Noise from cars (day, night)

Anti-noise barriers

**Environment**

Quality of environment

Sanitation equipment for citizens

Trash collection

**Public amenities**

Public toilets

**Environmental protection**

Protection of nature and land

Protection of old trees

Natural parks

System of ecological stability

Registered point of landscape interest

**Air**

Climate quality

Climate quality (building density)

Climate quality (natural light)

Climate quality (ventilation)

Climate quality (airflow velocity)

Climate quality (lack of air movement)

Climate quality (air pollution)

Sources of air pollution (REZZO 1 and REZZO 2)

**Zoning**

Zoning plan

Plan of functional zones  
Suggestions for change of zoning plan  
Current built-environment  
Large development areas  
Public interest buildings  
Buildable area limitations

**Technical infrastructure**

Anti-flood security  
Anti-flood security (sand)  
Flooded areas (streams)  
Flooded areas (O100)  
Flooded areas (O20)  
Flooded areas (O5)  
Flooded areas (O50)  
Flooded areas (Vltava, Berounka)  
Flooded area (2013)

**Urbanism and land**

Number of floors  
Current land use  
Building bans  
Building bans - transportation