



# MASTER DEGREE APP

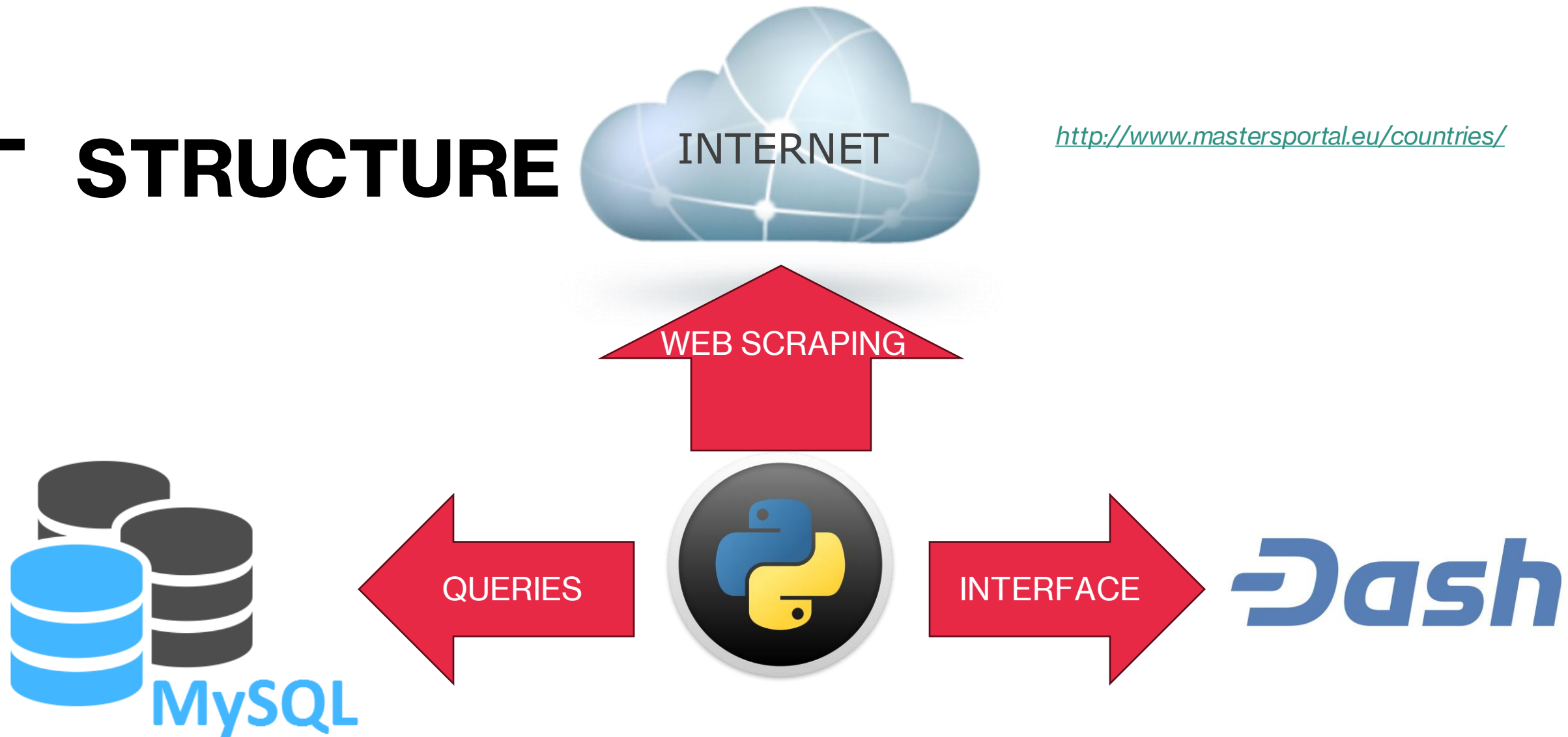
Javier Aguirre

**WHY COULD IT BE INTERESTING?**



# STRUCTURE

<http://www.mastersportal.eu/countries/>



Master app

127.0.0.1:8050

Database description

Filters

Map

Universities schema:

Field	Type	Null	Key	Default	Extra
id	int	NO	PRI		auto_increment
world_rank	int	YES			
country	varchar(255)	YES			
national_rank	int	YES			
quality_of_education	int	YES			
alumni_employment	int	YES			
quality_of_faculty	int	YES			
publications	int	YES			
influence	int	YES			
citations	int	YES			
broad_impact	int	YES			
patents	int	YES			
score	float	YES			
university_name	varchar(255)	YES			
city	varchar(255)	YES			

Master\_degrees schema:

Field	Type	Null	Key	Default	Extra
id	int	NO	PRI		auto_increment
program_name	varchar(255)	YES			
program_type	varchar(255)	YES			
university_id	int	YES	MUL		
program_url	varchar(255)	YES			
tuition	float(10,2)	YES			
duration_months	int	YES			
university_name	varchar(255)	YES			

Number of programs: 25352

Number of countries: 59



## Database description

## Filters

Map

### ect filters:

country:

lect...

City:

Select...

Program:

× Bioinformatics

× Bioinformatics and Computational Biology

tion:



er by:

Country

City

## Program

Order by:

☒ Rank ☐ Tuition ☐ Education ☐ Employment ☐ Publications ☐ Influence

○ Citations ○ Impact ○ Patents

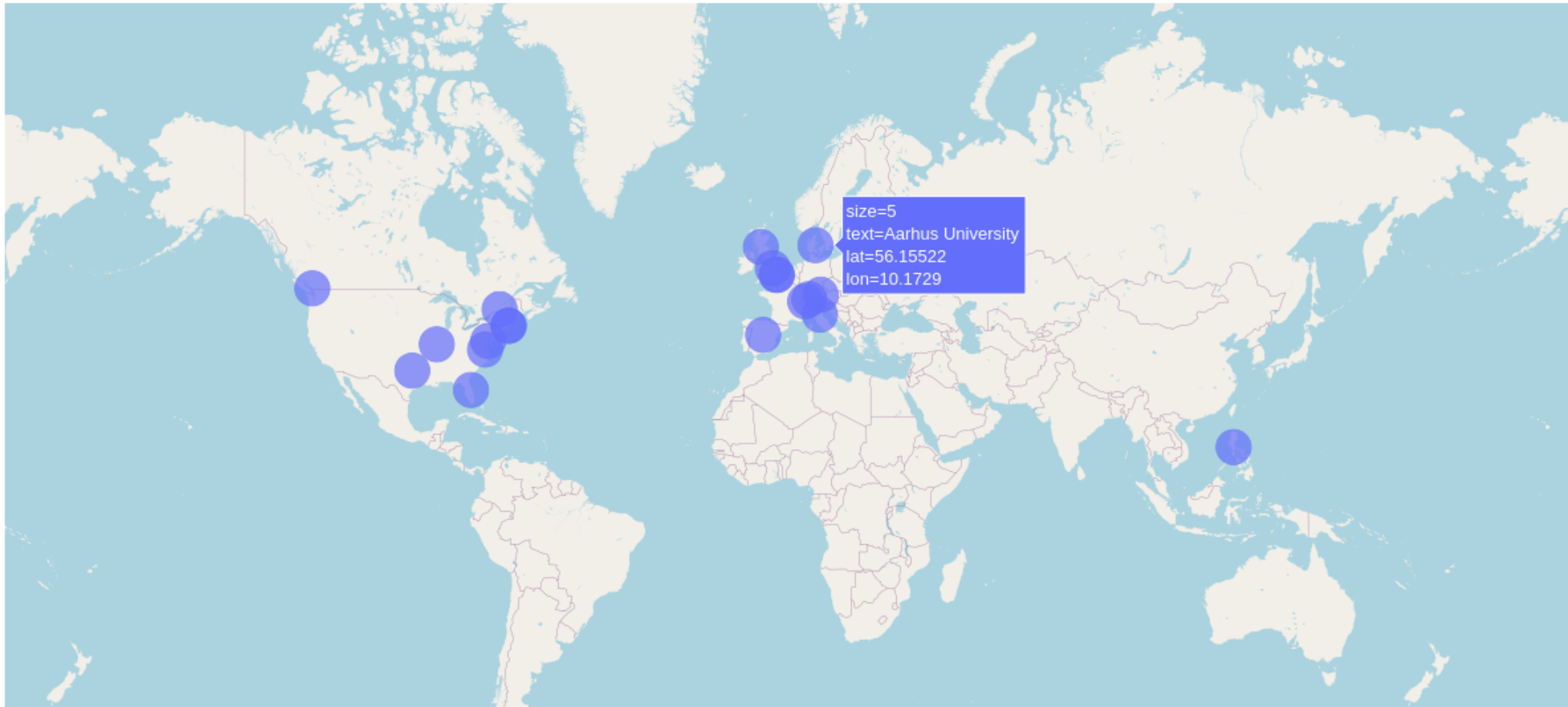
Program	University	Country	City	Rank	Tuition	Education	Employment	Publications	Influence	Citations	Impact	Patents
Bioinformatics	Harvard University	USA	Cambridge	1	11739	1	1	1	1	1	1	3
Bioinformatics	Johns Hopkins University	USA	Baltimore	16	4561	18	84	4	11	5	3	2
Bioinformatics	McGill University	Canada	Montreal	42	16682	34	37	33	53	44	34	132
Bioinformatics	University of British Columbia	Canada	Vancouver	62	12097	81	275	26	36	37	34	81
Bioinformatics	University of Copenhagen	Denmark	Copenhagen	74	7390	117	149	38	31	59	31	432
Bioinformatics	King's College London	United Kingdom	London	94	18435	27	190	76	116	101	74	188
Bioinformatics and Computational Biology	University of Zurich	Switzerland	Zürich	96	470	115	389	56	46	68	56	137
Bioinformatics	Technical University of Munich	Germany	Munich	101	113	37	118	104	90	128	95	119

Database description

Filters

Map

Map of best universities by filter

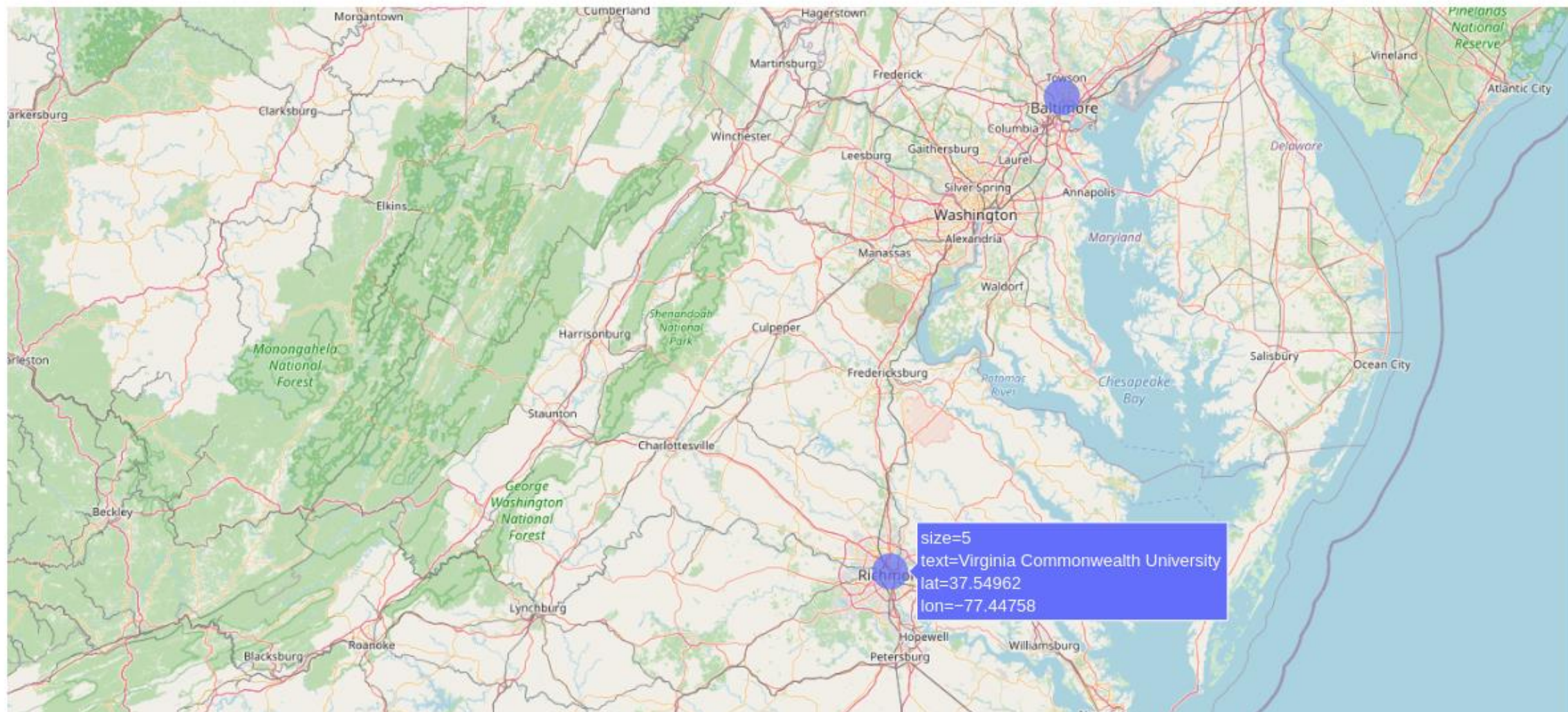


Database description

Filters

Map

Map of best universities by filter







# **FUTURE DEVELOPMENTS**



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**ANY  
QUESTIONS?**

