

Language Analysis

The most worked with Language in each region

```
Select region,sum(`Languageworkedwith_HTML/CSS`) as HTML_CSS,
sum(`Languageworkedwith_Python`) as Python,sum(Languageworkedwith_ALLSHELL) as
Allshell, sum(Languageworkedwith_JAVASCRIPT) as
Javascript,sum(Languageworkedwith_TYPESCRIPT) as Typescript,
sum(Languageworkedwith_SQL) as 'SQL', sum(languageworkedwith_PHP) as PHP
from skill_set
group by region;
```

The most want to work with Language in each region

```
select region, sum(Languagewanttoworkwith_ALLSHELL) as Allshell,
sum(Languagewanttoworkwith_HTML) as HTML_CSS,
sum(Languagewanttoworkwith_python) as Python, sum(Languagewanttoworkwith_JAVASCRIPT) as
Javascript, sum(Languagewanttoworkwith_PHP) as PHP, sum(Languagewanttoworkwith_TYPESCRIPT) as
Typescript, sum(Languagewanttoworkwith_SQL) as 'SQL'
from skill_set
group by region;
```

How many people have work with atleast 7 languages in each region

```
select region, count(region) as People
from skill_set
where Languageworkedwith_Total >= 7
group by region;
```

How many people wish to work both HTML and python

```
select region, count(region) as People
from skill_set
where Languagewanttoworkwith_HTML = 1 and Languagewanttoworkwith_python = 1
group by region;
```

How many people have worked with each common languages and still want to work with them

For html/css

```
select region, count(region) as people
from skill_set
where `Languageworkedwith_HTML/CSS` = 1 and Languagewanttoworkwith_HTML = 1
group by region;
```

For javascript

```
select region, count(region) as people
from skill_set
```

where Languagehaveworkedwith_JAVASCRIPT = 1 and Languagewanttoworkwith_JAVASCRIPT = 1
group by region;

For php

```
select region, count(region) as people
from skill_set
where Languagehaveworkedwith_php = 1 and Languagewanttoworkwith_php = 1
group by region;
```

For python

```
select region, count(region) as people
from skill_set
where Languagehaveworkedwith_Python = 1 and Languagewanttoworkwith_python = 1
group by region;
```

For allshell

```
select region, count(region) as people
from skill_set
where Languagehaveworkedwith_allshell = 1 and Languagewanttoworkwith_allshell = 1
group by region;
```

For typescript

```
select region, count(region) as people
from skill_set
where Languagehaveworkedwith_TYPESCRIPT = 1 and Languagewanttoworkwith_TYPESCRIPT = 1
group by region;
```

For allshell

```
select region, count(region) as people
from skill_set
where Languagehaveworkedwith_sql = 1 and Languagewanttoworkwith_sql = 1
group by region;
```

Platform Analysis

The most workedwith platform

```
select region, sum(`PlatformHaveWorkedWith_Amazon_web_services`) as Amazon_web_services,
sum(PlatformHaveWorkedWith_cloudflare) as Cloudflare,
sum(PlatformHaveWorkedWith_Digital_Ocean) as Digital_Ocean,
sum(`PlatformHaveWorkedWith_Microsoft_Azure`) as
Microsoft_Azure, sum(PlatformHaveWorkedWith_Netlify) as Netlify
from skill_set
group by region;
```

The most want to work with platform

```
select region,sum(PlatformwanttoWith_Amazon_web_services) as Amazon_web_services,
sum(PlatformwanttoWith_Cloudflare) as Cloudfare, sum(PlatformwanttoWith_Digital_Ocean) as
Digital_Ocean, sum(PlatformwanttoWith_Microsoft_Azure) as
Microsoft_Azure,sum(PlatformwanttoWith_Netlify) as Netlify
from skill_set
group by region;
```

People that have worked with atleast three platform

```
select Region, count(region)
from skill_set
where PlatformHaveWorkedWith_Totals >= 3
group by region;
```

What language does people that with amazon web services worked with the most

```
select sum(`Languagehaveworkedwith_HTML/CSS`) as HTML_CSS,
sum(`Languagehaveworkedwith_Python`) as Python,
sum(Languagehaveworkedwith_ALLSHELL) as Allshell, sum(Languagehaveworkedwith_JAVASCRIPT) as
Javascript,sum(Languagehaveworkedwith_TYPESCRIPT) as Typescript,
sum(Languagehaveworkedwith_SQL) as 'SQL', sum(languageworkedwith_PHP) as PHP
from skill_set
where `PlatformHaveWorkedWith_Amazon_web_services`= 1;
```

What language does people that microsoft azure worked with the most

```
select sum(`Languagehaveworkedwith_HTML/CSS`) as HTML_CSS,
sum(`Languagehaveworkedwith_Python`) as Python,sum(Languagehaveworkedwith_ALLSHELL) as
Allshell, sum(Languagehaveworkedwith_JAVASCRIPT) as
Javascript,sum(Languagehaveworkedwith_TYPESCRIPT) as Typescript,
sum(Languagehaveworkedwith_SQL) as 'SQL', sum(languageworkedwith_PHP) as PHP
from skill_set
where `PlatformHaveWorkedWith_Microsoft_Azure`= 1;
```

Database Analysis

Most work database

```
select region, sum(DatabaseHaveWorkedWith_Bigquery) as Bigquery,
sum(DatabaseHaveWorkedWith_Elasticsearch) as Elastic_search,
sum(DatabaseHaveWorkedWith_MicrosoftSql) as MicrosoftSQL,
sum(DatabaseHaveWorkedWith_MongoDB) as MongoDB, sum(DatabaseHaveWorkedWith_PostgreSQL)
as PostgreSQL
from skill_set
group by region;
```

Most want to work with database

```
select region, sum(DatabaseWanttoworkwith_elasticsearch) as Elastic_search,
sum(DatabaseWanttoworkwith_MySQL) as mySQL, sum(DatabaseWanttoworkwith_microsoftSQLserver)
as MicrosoftSQL, sum(DatabaseWanttoworkwith_MongoDB) as MongoDB,
sum(DatabaseWanttoworkwith_postgreSQL) as PostgreSQL
from skill_set
group by region;
```

Language used by developer the most

```
select devtype, sum(`LanguageHaveWorkedwith_HTML/CSS`) as `HTML/CSS`,
sum(LanguageHaveWorkedwith_Python) as python, sum(LanguageHaveWorkedwith_ALLSHELL) as
allshell, sum(LanguageHaveWorkedwith_JAVASCRIPT) as Javascript, sum(LanguageHaveWorkedwith_SQL)
as `SQL`, sum(LanguageHaveWorkedwith_PHP) as PHP, sum(LanguageHaveWorkedwith_TYPESCRIPT) as
Typescript
from skill_set
where devtype regexp 'developer'
group by devtype;
```

Tools used the most by developer

```
select devtype, sum(ToolsTechHaveWorkedWith_Docker) as Docker,
sum(ToolsTechHaveWorkedWith_HomeBrew) as homebrew, sum(ToolsTechHaveWorkedWith_Maker)
as maker, sum(ToolsTechHaveWorkedWith_NPM) as NPM, sum(ToolsTechHaveWorkedWith_Webpack)
as webpack
from skill_set
where devtype regexp 'developer'
group by devtype;# Skill-Set
```