**EKONOMICKÁ UNIVERZITA V BRATISLAVE**

**Fakulta Hospodárskej Informatiky**

**Hospodárska Informatika**

**Zobrazovanie sledovaných veličín**

WebMix s.r.o.

Podnik na tvorbu webových aplikácií

prednášajúci: Kultan Jaroslav, Ing., PhD.

Jozef Šulek cvičiaci: Kultan Jaroslav, Ing., PhD.

**Popis sledovaných veličín**

Sledujeme 3 veličiny :

1. Príjmy
2. Náklady
3. Počet produktov

V troch základných dimenziách :

1. Čas
2. Priestor
3. Produkt

Každú dimenziu v troch úrovniach :

Úrovne času :

1. Deň
2. Mesiac
3. Rok

Úrovne priestoru :

1. Mesto
2. Región
3. Štát

Úrovne produktu :

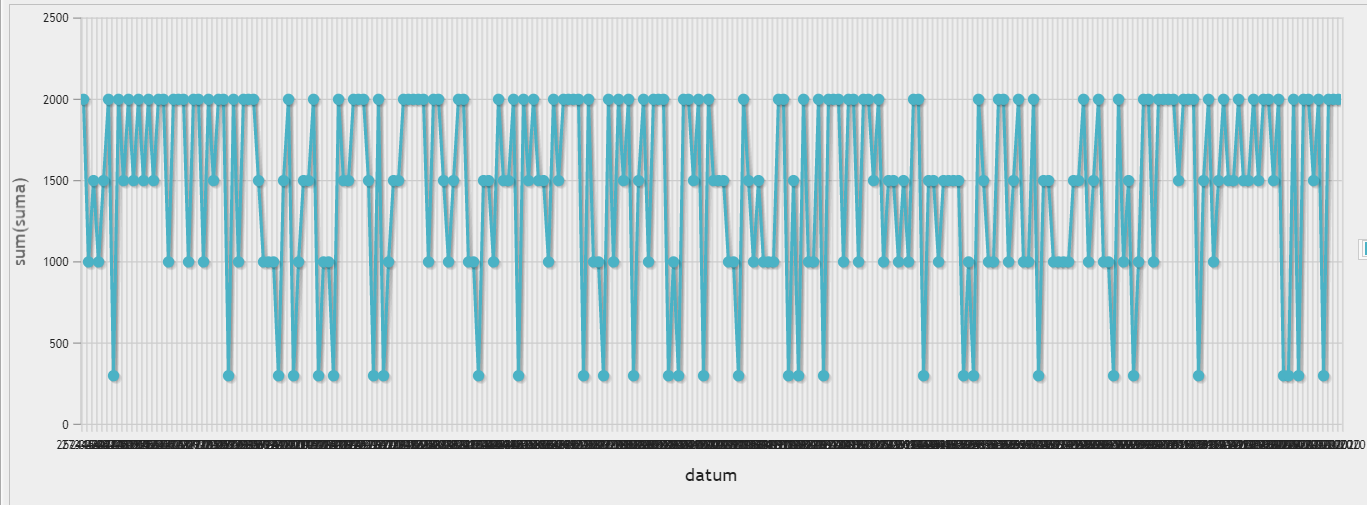
1. Produkt
2. Typ produktu
3. Skupina produktov

SQL PRIKAZY :

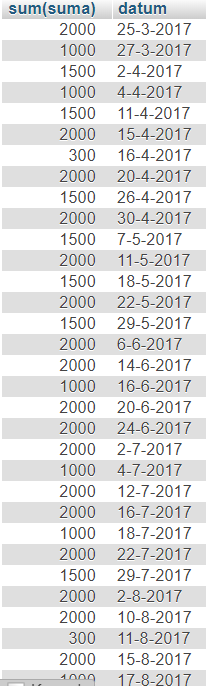
Naklady :

Rozdelenie nakladov podla dna nakladu:

Kvôli dĺžke výstupu , ktorá je vyše 250 riadkov zobrazíme iba prvé desiatky riadkov pre kompletné zobrazenie viď. Databázu.

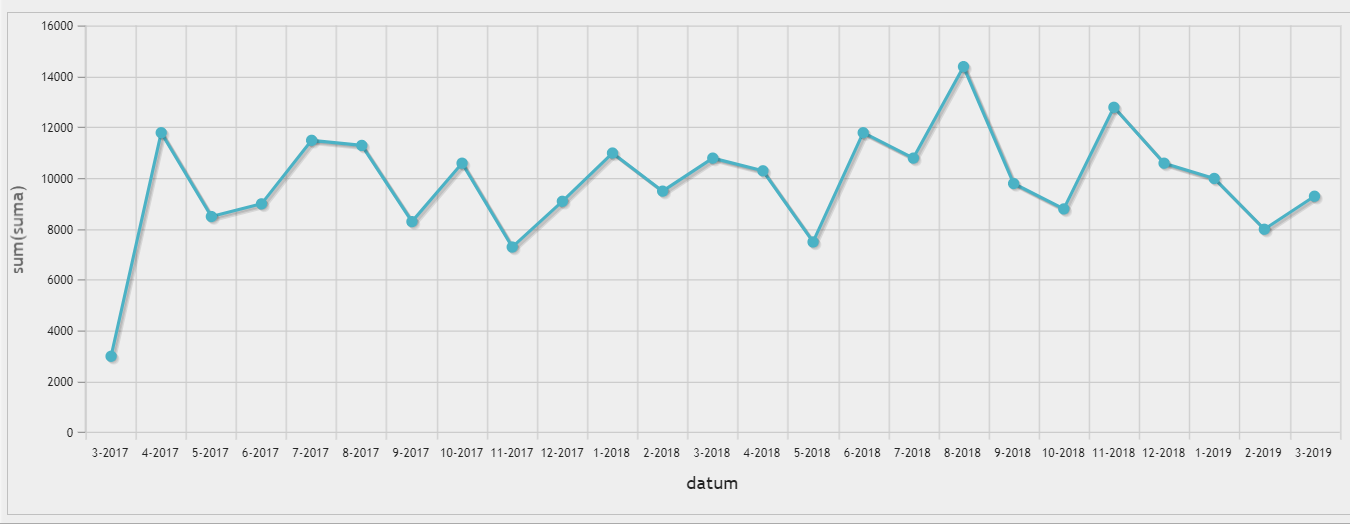


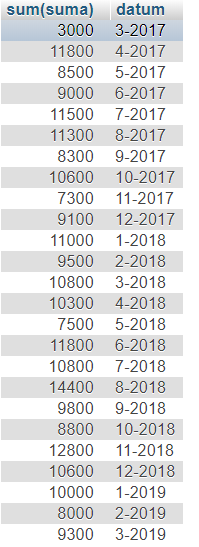
select sum(suma), CONCAT(DAY(DATUMCAS), "-", MONTH(datumcas), "-" , YEAR(DATUMCAS)) as datum from naklad GROUP by YEAR(DATUMCAS), MONTH(DATUMCAS), DAY(DATUMCAS)



Rozdelenie podla mesiaca nakladu :

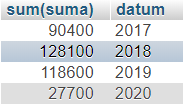
select sum(suma), CONCAT(MONTH(datumcas), "-" , YEAR(DATUMCAS)) as datum from naklad GROUP by YEAR(DATUMCAS), MONTH(DATUMCAS);

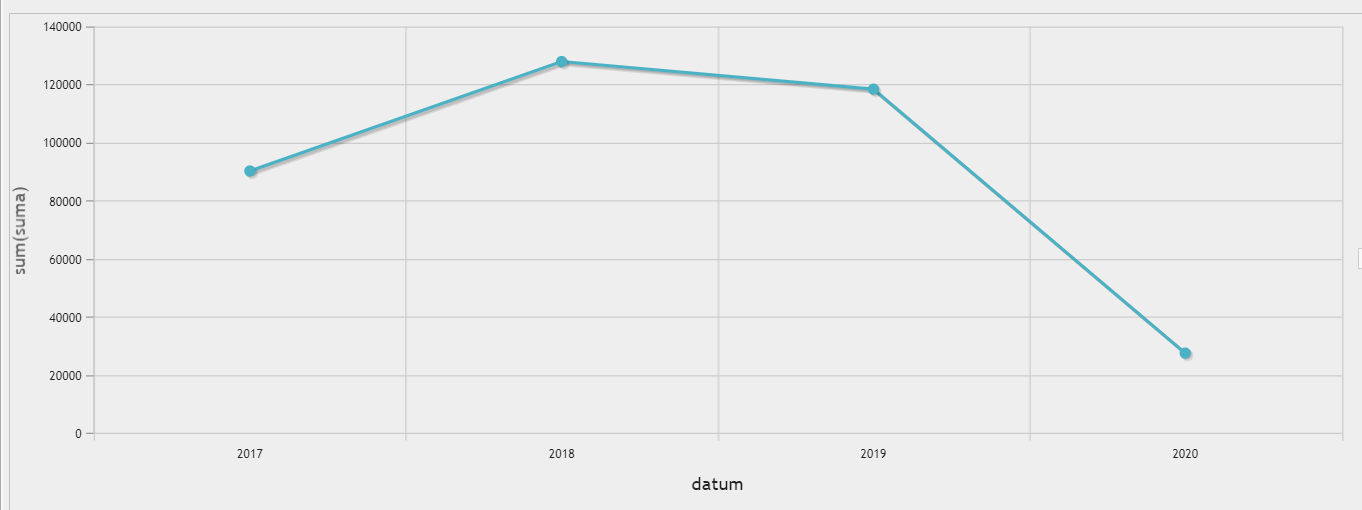




Rozdelenie nakladov podla roku nakladu :

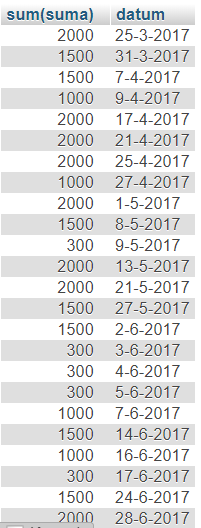
select sum(suma), CONCAT(YEAR(DATUMCAS)) as datum from naklad GROUP by YEAR(DATUMCAS);

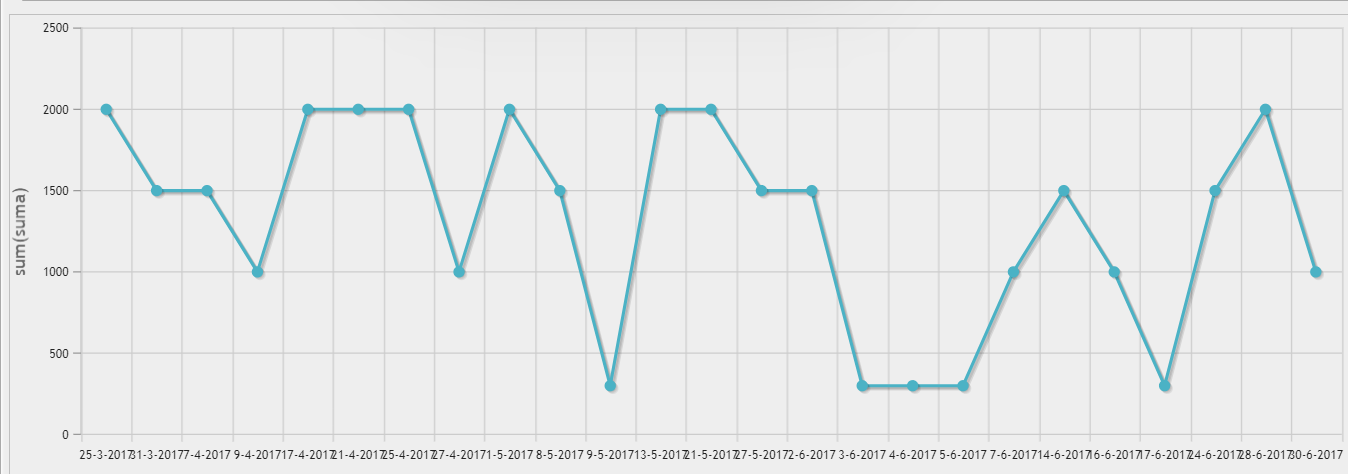




Prijmy rozdelene podla dna :

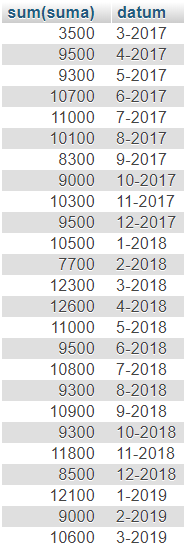
select sum(suma), CONCAT(DAY(DATUMCAS), "-", MONTH(datumcas), "-" , YEAR(DATUMCAS)) as datum from prijem GROUP by YEAR(DATUMCAS), MONTH(DATUMCAS), DAY(DATUMCAS)

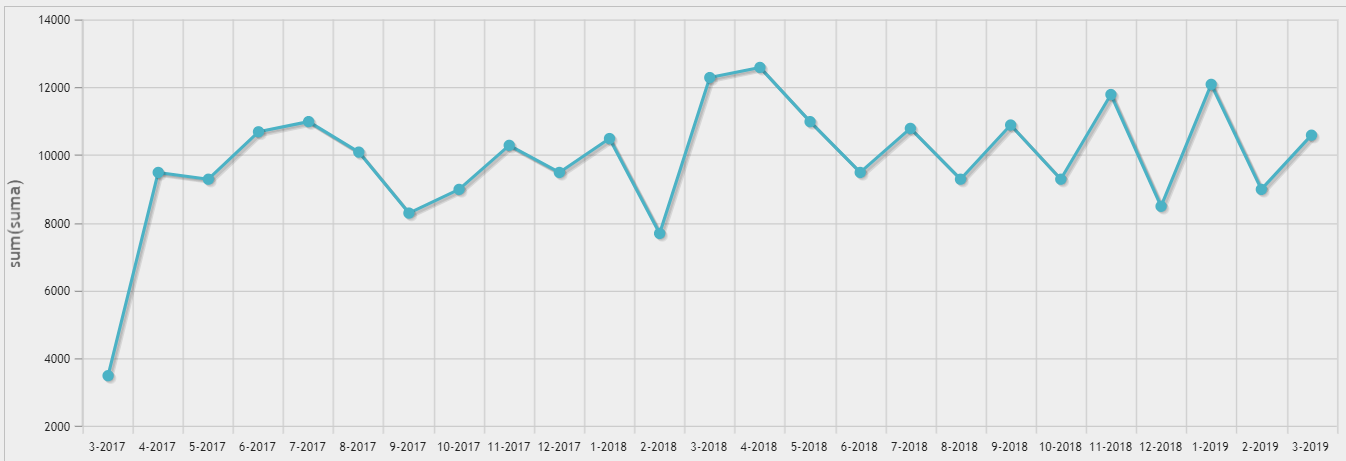




Rozdelenie prijmu podla mesiaca :

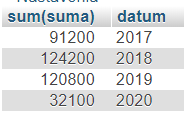
select sum(suma), CONCAT(MONTH(datumcas), "-" , YEAR(DATUMCAS)) as datum from prijem GROUP by YEAR(DATUMCAS), MONTH(DATUMCAS);

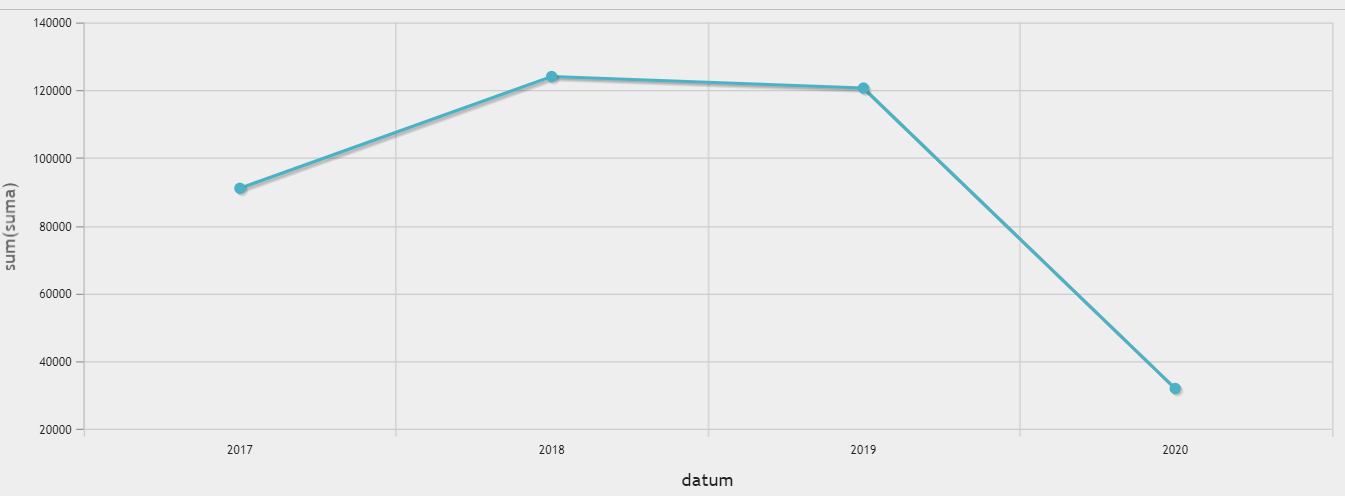




Rozdelenie prijmu podla roka :

select sum(suma), CONCAT(YEAR(DATUMCAS)) as datum from prijem GROUP by YEAR(DATUMCAS);



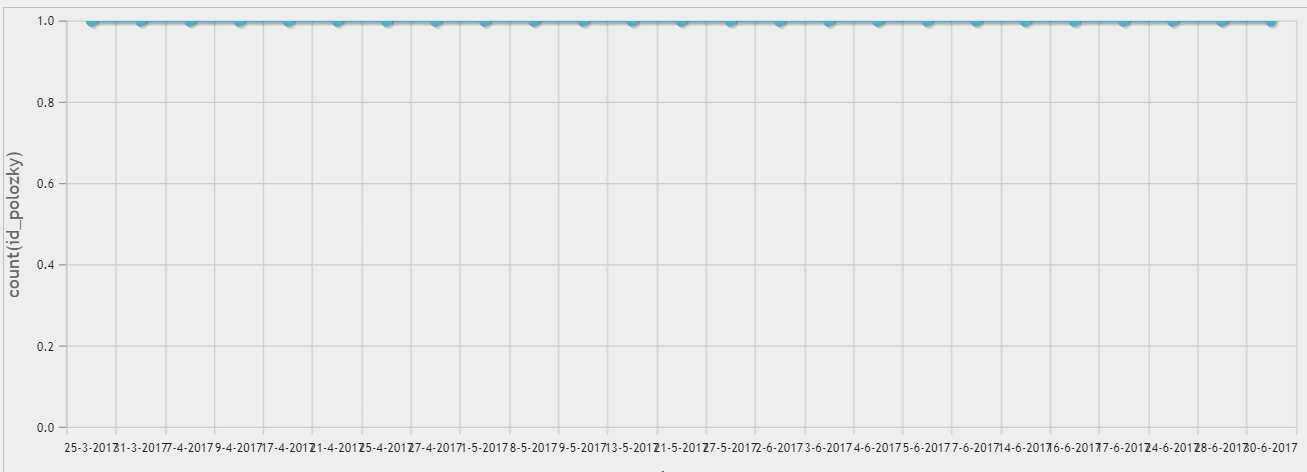


Rozdelenie poctu produktov podla dna :

select count(id\_polozky), CONCAT(DAY(DATUMCAS), "-", MONTH(datumcas), "-" , YEAR(DATUMCAS)) as datum from prijem GROUP by YEAR(DATUMCAS), MONTH(DATUMCAS), DAY(DATUMCAS)

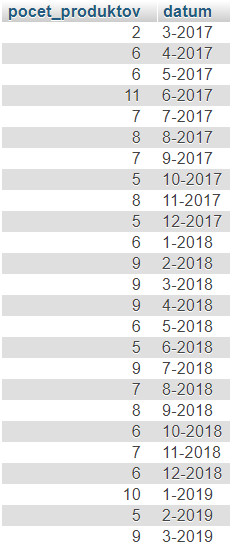
**Poznámka !! : za den sa predalo jeden alebo žiadny produkt , tie dni kedy sa nepredal žiaden nie sú evidované.**

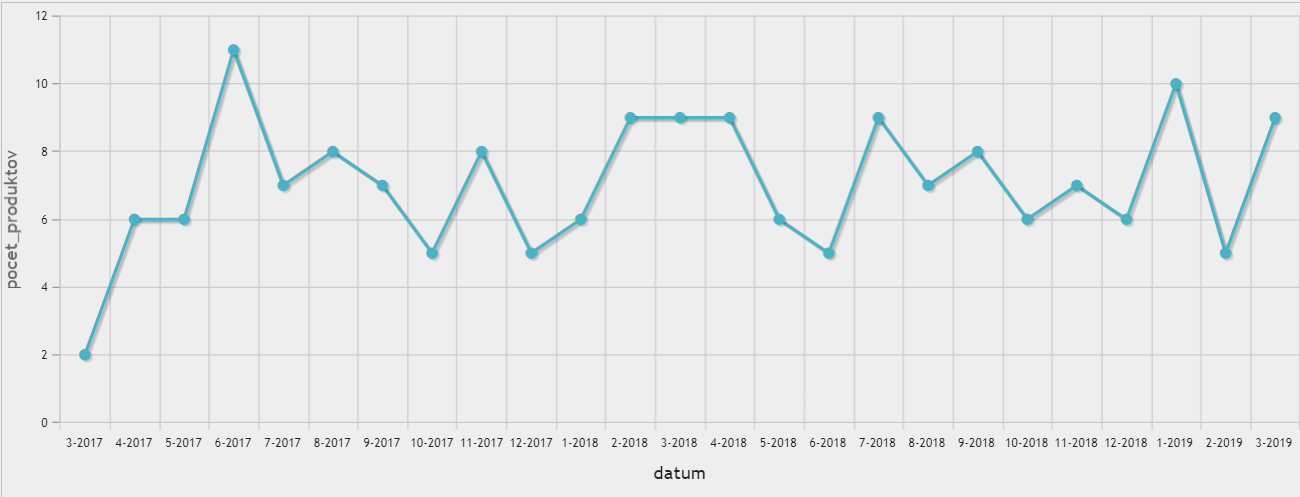




Pocet produktov rozdeleny podla mesiaca:

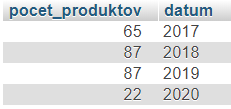
select count(id\_polozky) as pocet\_produktov, CONCAT(MONTH(datumcas), "-" , YEAR(DATUMCAS)) as datum from prijem GROUP by YEAR(DATUMCAS), MONTH(DATUMCAS);

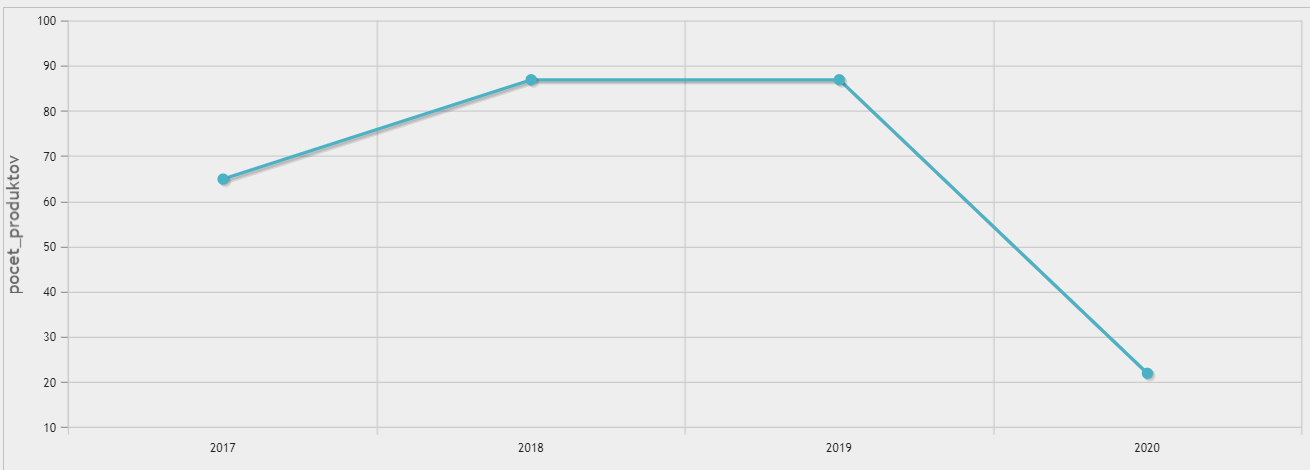




Pocet produktov podla roka :

select count(id\_polozky) as pocet\_produktov, CONCAT(YEAR(DATUMCAS)) as datum from prijem GROUP by YEAR(DATUMCAS);



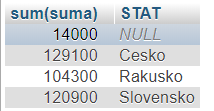


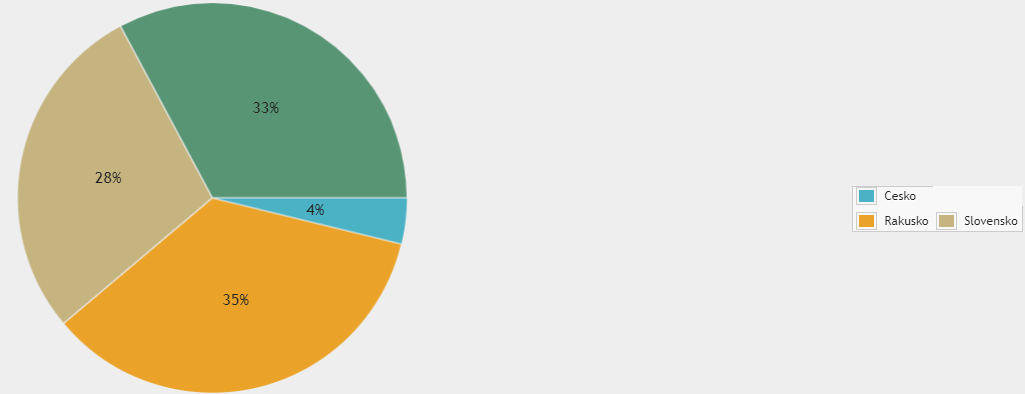
Prijmy rozdelene podla statu :

select sum(suma), STAT from prijem as p

left join polozka\_prijmu as pp on (pp.ID\_POLOZKY = p.ID\_POLOZKY)

GROUP by STAT



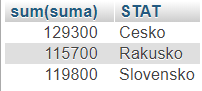


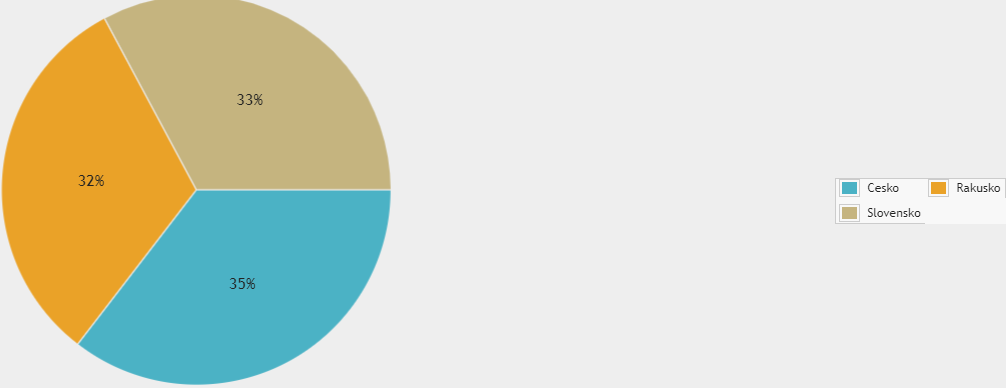
Naklady rozdelene podla statu :

select sum(suma), STAT from naklad as p

left join polozka\_prijmu as pp on (pp.ID\_POLOZKY = p.ID\_POLOZKY)

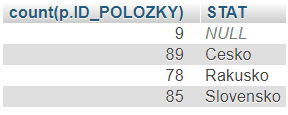
GROUP by STAT

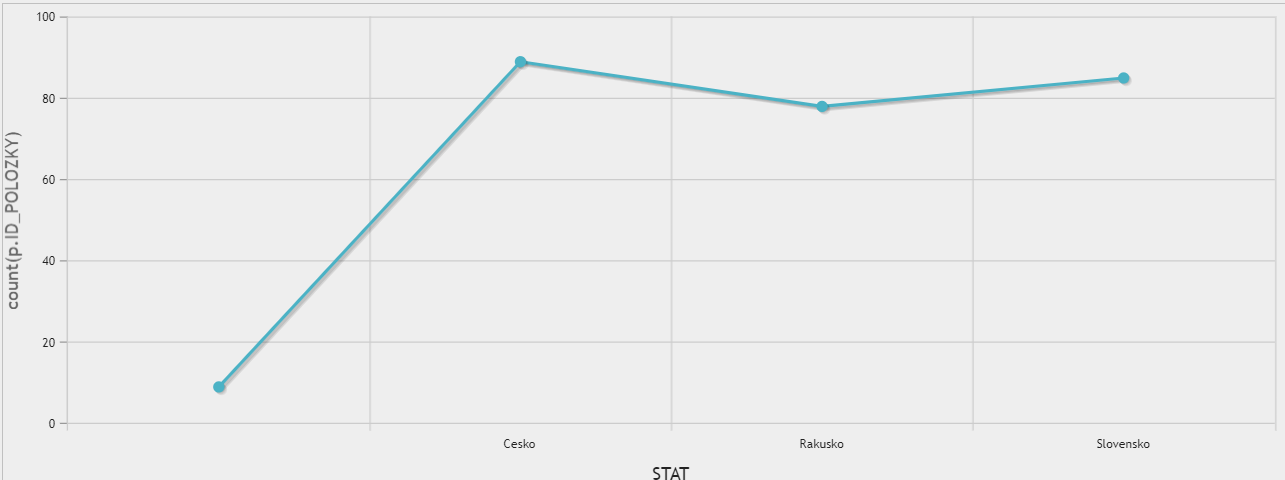




Pocet produktov rozdelene podla statu :

select count(p.ID\_POLOZKY), STAT from prijem as p left join polozka\_prijmu as pp on (pp.ID\_POLOZKY = p.ID\_POLOZKY) GROUP by STAT



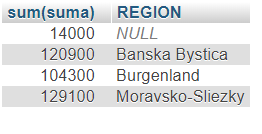


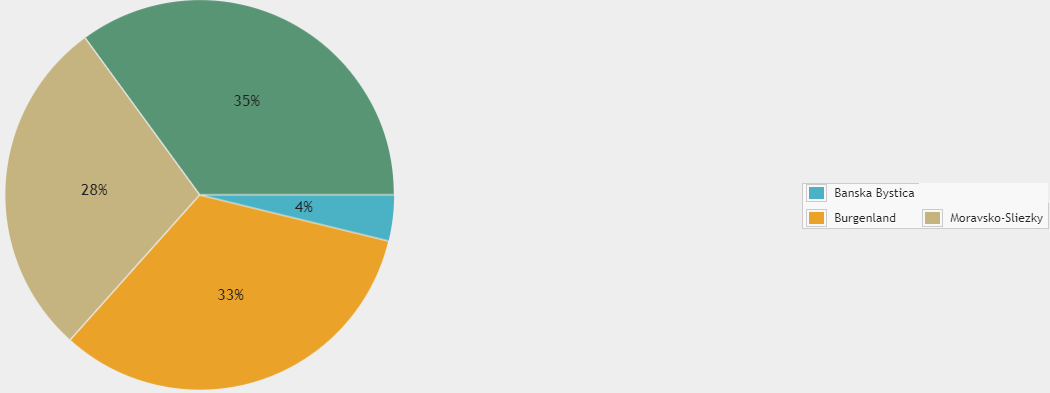
Prijmy podla regionu:

select sum(suma), REGION from prijem as p

left join polozka\_prijmu as pp on (pp.ID\_POLOZKY = p.ID\_POLOZKY)

GROUP by REGION



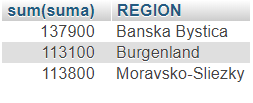


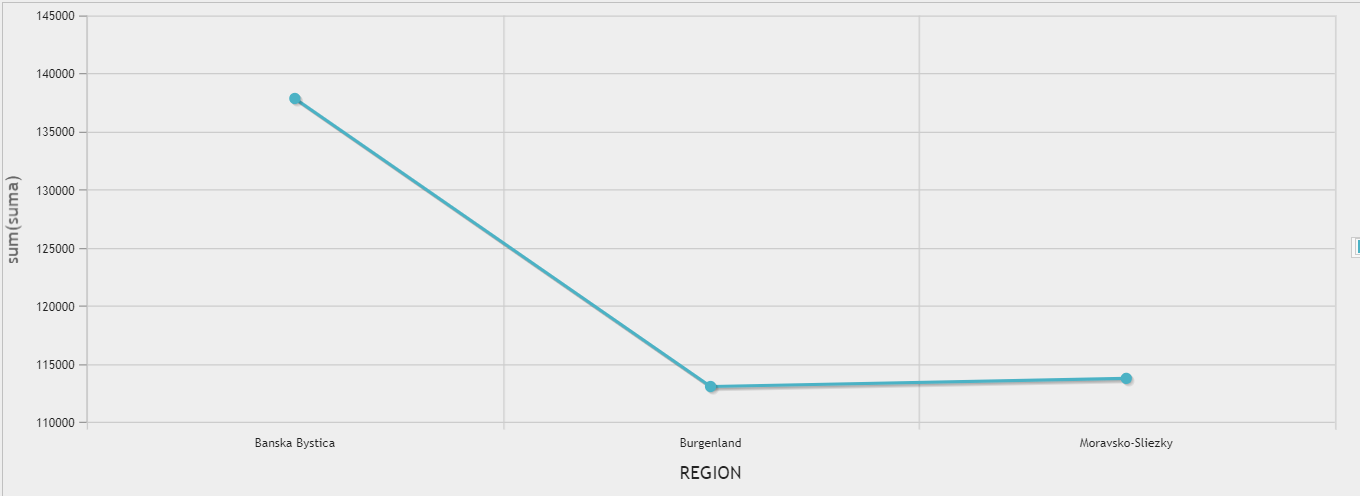
Naklady podla region :

select sum(suma), REGION from naklad as p

left join polozka\_nakladu as pp on (pp.ID\_POLOZKY = p.ID\_POLOZKY)

GROUP by REGION



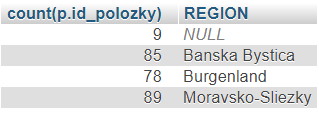


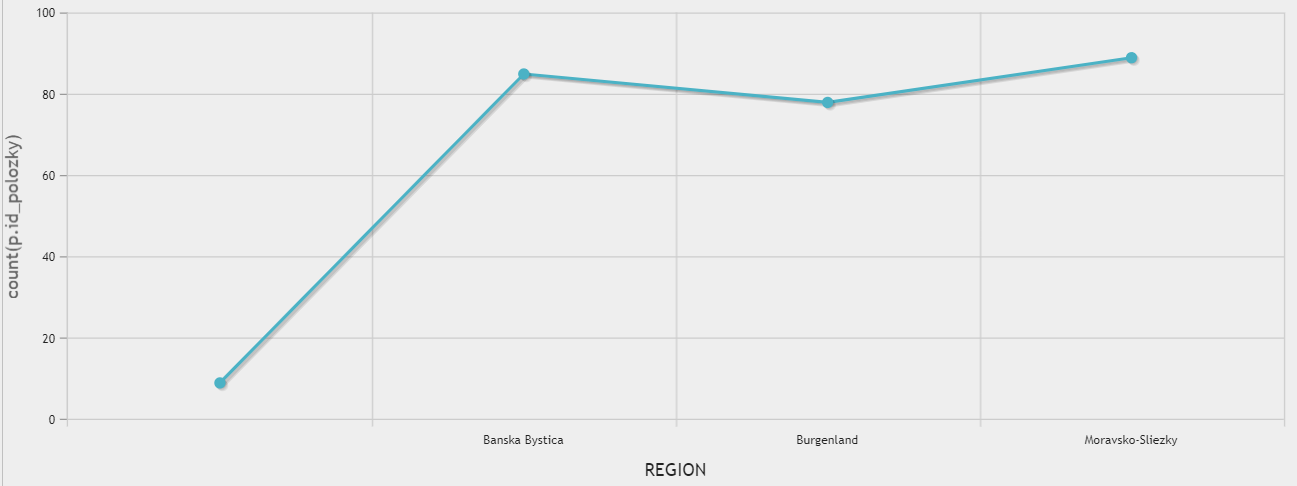
Pocet produktov podla region:

select count(p.id\_polozky), REGION from prijem as p

left join polozka\_prijmu as pp on (pp.ID\_POLOZKY = p.ID\_POLOZKY)

GROUP by REGION



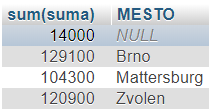


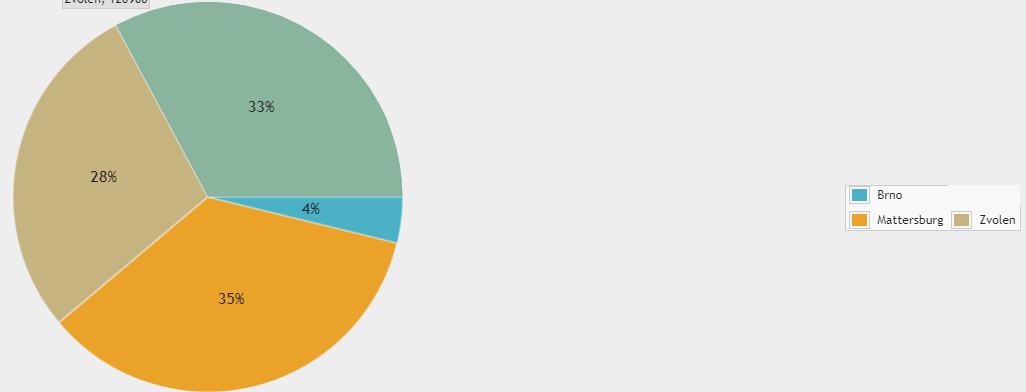
Prijmy podla mesta :

select sum(suma), MESTO from prijem as p

left join polozka\_prijmu as pp on (pp.ID\_POLOZKY = p.ID\_POLOZKY)

GROUP by MESTO





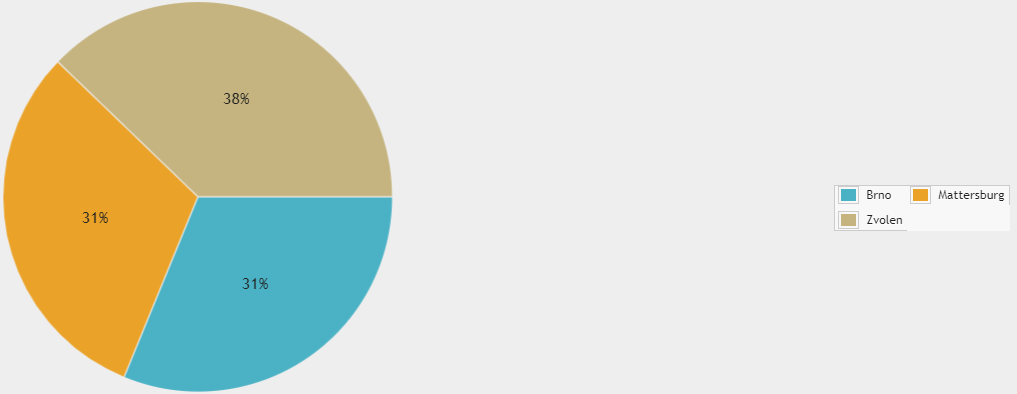
Naklady podla mesta :

select sum(suma), MESTO from naklad as p

left join polozka\_nakladu as pp on (pp.ID\_POLOZKY = p.ID\_POLOZKY)

GROUP by MESTO

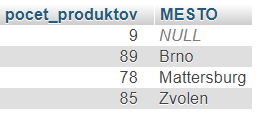


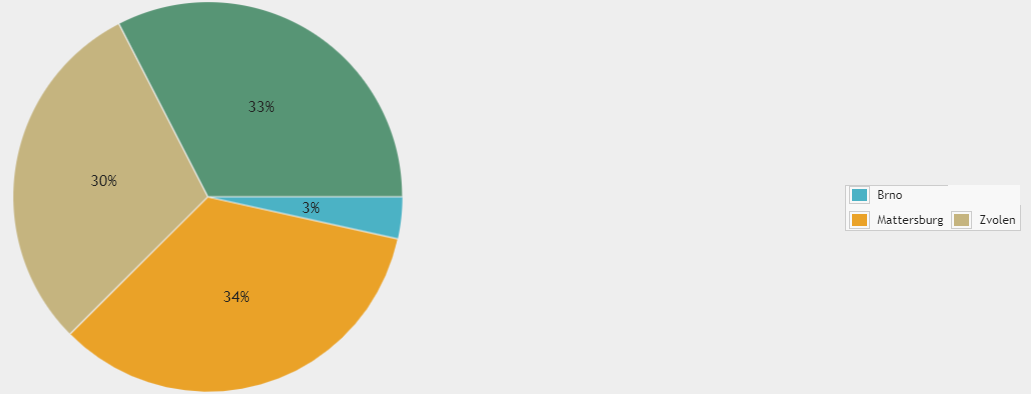


Pocet produktov podla mesta :

select count(p.id\_polozky) as pocet\_produktov, MESTO from prijem as p

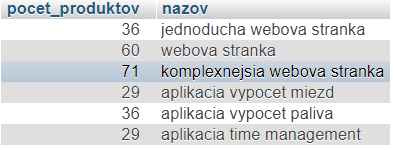
left join polozka\_prijmu as pp on (pp.ID\_POLOZKY = p.ID\_POLOZKY) GROUP by MESTO

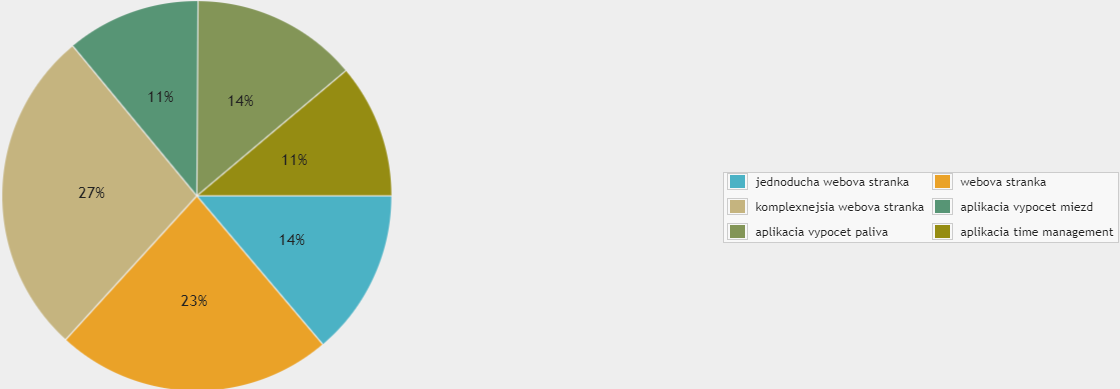




Pocet produktu rozdeleny podla produktu :

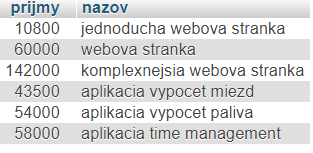
select count(p.ID\_PRODUKTU) as pocet\_produktov, nazov from prijem as p left join produkty as pr on(pr.ID\_PRODUKTU = p.ID\_PRODUKTU) GROUP by p.ID\_PRODUKTU

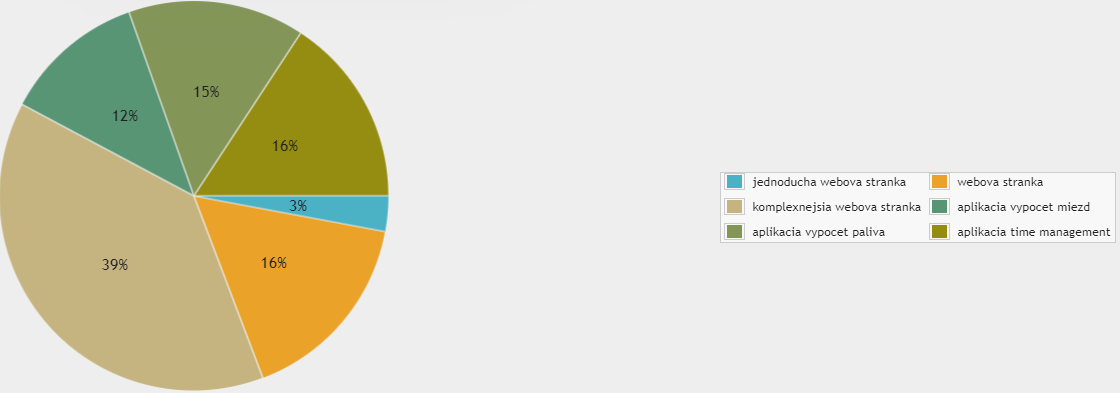




Prijmy podla produktu :

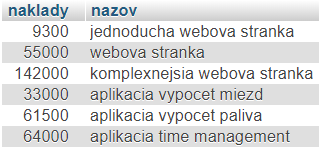
select sum(suma) as prijmy, nazov from prijem as p left join produkty as pr on(pr.ID\_PRODUKTU = p.ID\_PRODUKTU) GROUP by p.ID\_PRODUKTU





Naklady podla produktu :

select sum(suma) as naklady, nazov from naklad as p left join produkty as pr on(pr.ID\_PRODUKTU = p.ID\_PRODUKTU) GROUP by p.ID\_PRODUKTU





Pocet produktov podla typu produktu :

select count(p.ID\_PRODUKTU) as pocet\_produktov, typ.nazov from prijem as p

left join produkty as pr on(pr.ID\_PRODUKTU = p.ID\_PRODUKTU)

left join typ\_produktu as typ on (typ.typ\_produktu = pr.typ\_produktu)

GROUP by pr.typ\_produktu



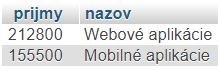
Prijmy podla typu produktu :

select sum(suma) as prijmy, typ.nazov from prijem as p

left join produkty as pr on(pr.ID\_PRODUKTU = p.ID\_PRODUKTU)

left join typ\_produktu as typ on (typ.typ\_produktu = pr.typ\_produktu)

GROUP by pr.typ\_produktu



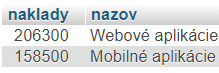
Naklady podla typu produktu :

select sum(suma) as naklady, typ.nazov from naklad as p

left join produkty as pr on(pr.ID\_PRODUKTU = p.ID\_PRODUKTU)

left join typ\_produktu as typ on (typ.typ\_produktu = pr.typ\_produktu)

GROUP by pr.typ\_produktu



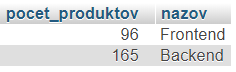
Pocet produktov podla skupiny produktu :

select count(p.ID\_PRODUKTU) as pocet\_produktov, skupina.nazov from prijem as p

left join produkty as pr on(pr.ID\_PRODUKTU = p.ID\_PRODUKTU)

left join skupina\_produktu as skupina on (skupina.ID\_SKUPINY = pr.SKUPINA\_PRODUKTU)

GROUP by pr.SKUPINA\_PRODUKTU



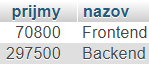
Prijmy podla skupiny produktov :

select sum(suma) as prijmy, skupina.nazov from prijem as p

left join produkty as pr on(pr.ID\_PRODUKTU = p.ID\_PRODUKTU)

left join skupina\_produktu as skupina on (skupina.ID\_SKUPINY = pr.SKUPINA\_PRODUKTU)

GROUP by pr.SKUPINA\_PRODUKTU



Naklady podla skupiny produktov :

select sum(suma) as naklady, skupina.nazov from naklad as p

left join produkty as pr on(pr.ID\_PRODUKTU = p.ID\_PRODUKTU)

left join skupina\_produktu as skupina on (skupina.ID\_SKUPINY = pr.SKUPINA\_PRODUKTU)

GROUP by pr.SKUPINA\_PRODUKTU

