

Projekt LaModa

Wyjaśnialne Uczenie Maszynowe
Grupa 6

SPISTREŚCI

Wprowadzenie

Opis problemu

Cele projektu

Realizacja projektu

SKŁAD:

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Daria Hubernatorova

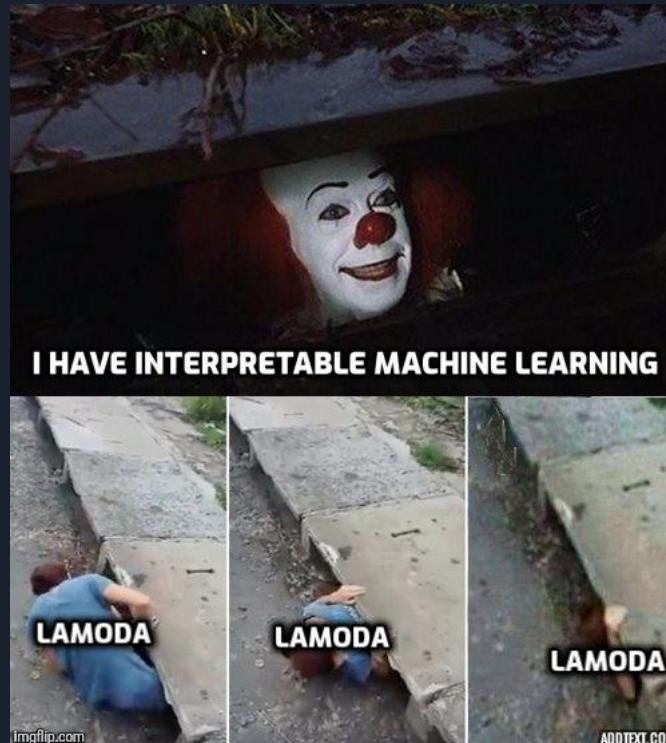
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Wojciech Mańke

Joanna Piega



Wprowadzenie

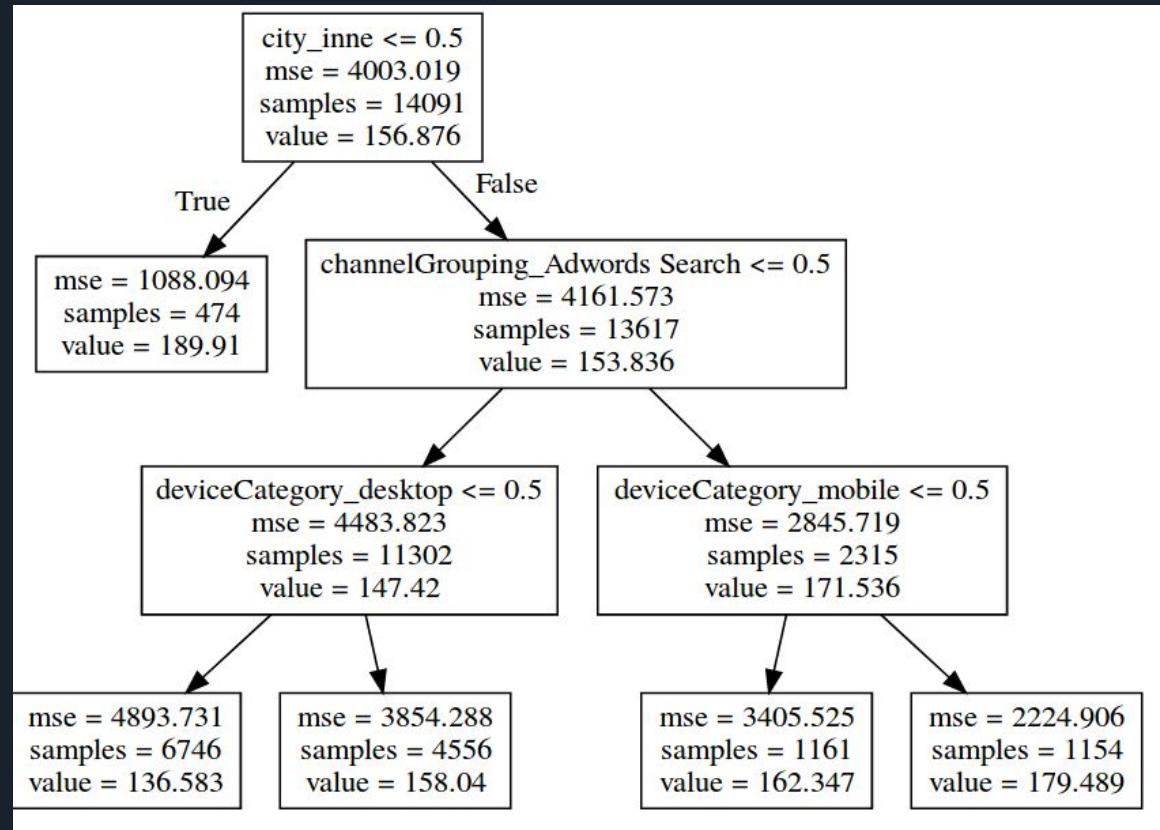




Opis prezentacji

- 1 Przedstawienie ogólnej koncepcji projektu
- 2 Wyjaśnienie projektu na poziomie globalnym
- 3 Wyjaśnienie modelu na poziomie pojedynczej obserwacji
- 4 Dodatkowe zagadnienia związane z projektem

Modele





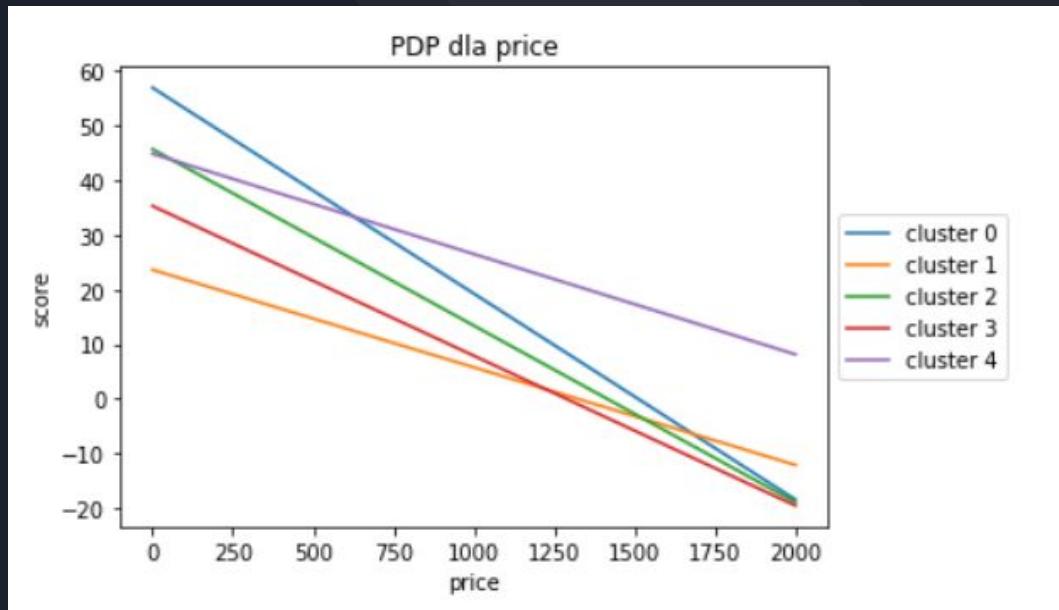
Globalne wyjaśnienie modelu

METODA:
PD plot



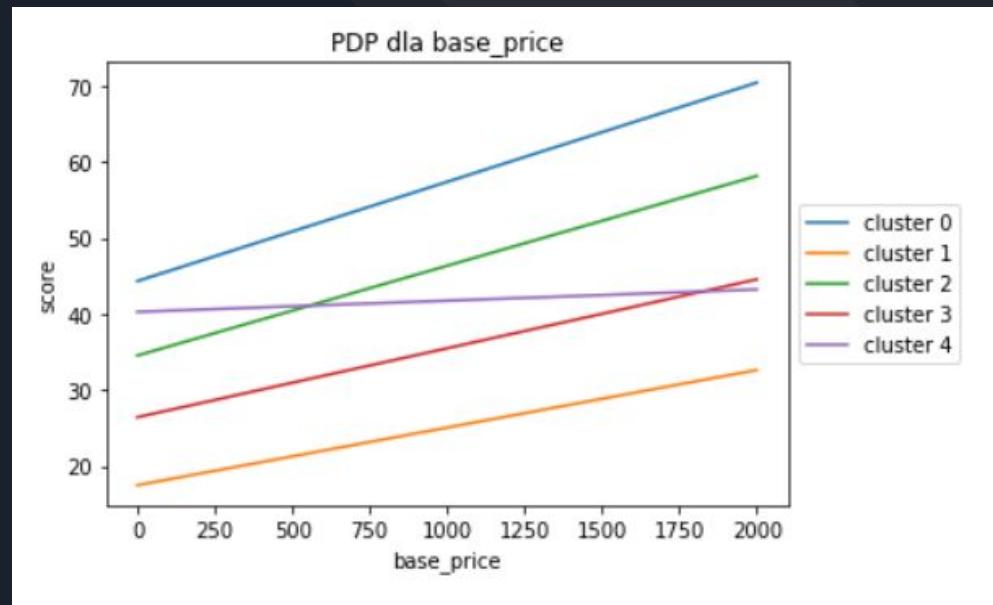
Zmienna price

0	city not a Voivodeship capital
1	desktop, Adword search city is a Voivodeship capital
2	not-desktop, Adword search, city is a Voivodeship capital
3	mobile, not-Adwords, city is a Voivodeship capital
4	not-mobile, not-Adwords, city is a Voivodeship capital



Zmienna base price

0	city not a Voivodeship capital
1	desktop, Adword search city is a Voivodeship capital
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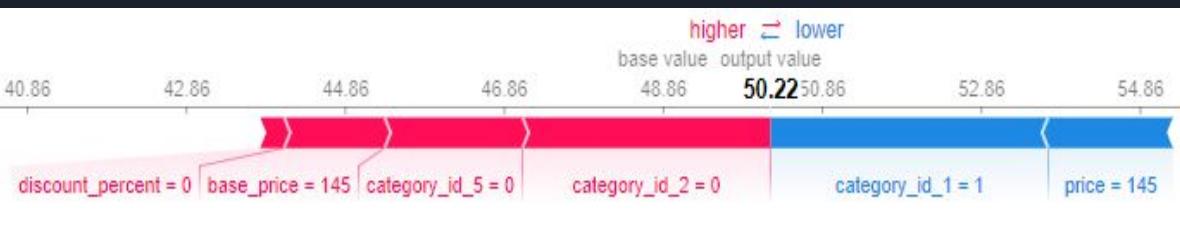
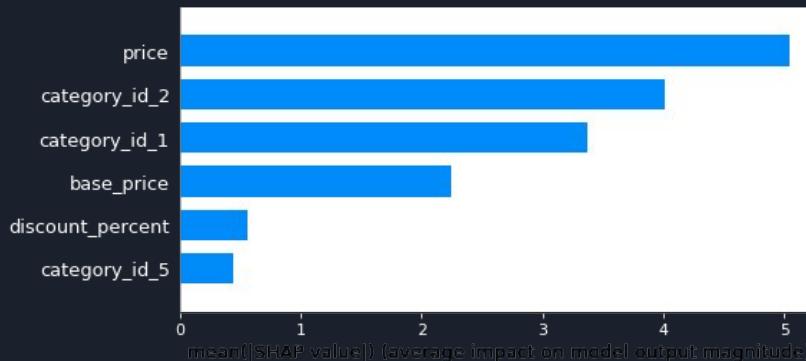
Wyjaśnienie oparte na pojedynczej obserwacji

METODA:

SHAP (SHapley
Additive exPlanation)



Wyjaśnienie oparte na pojedynczej obserwacji





Dryf modelu

Metoda:

Porównanie PDP na
pierwszych 10% i
ostatnich 10% danych



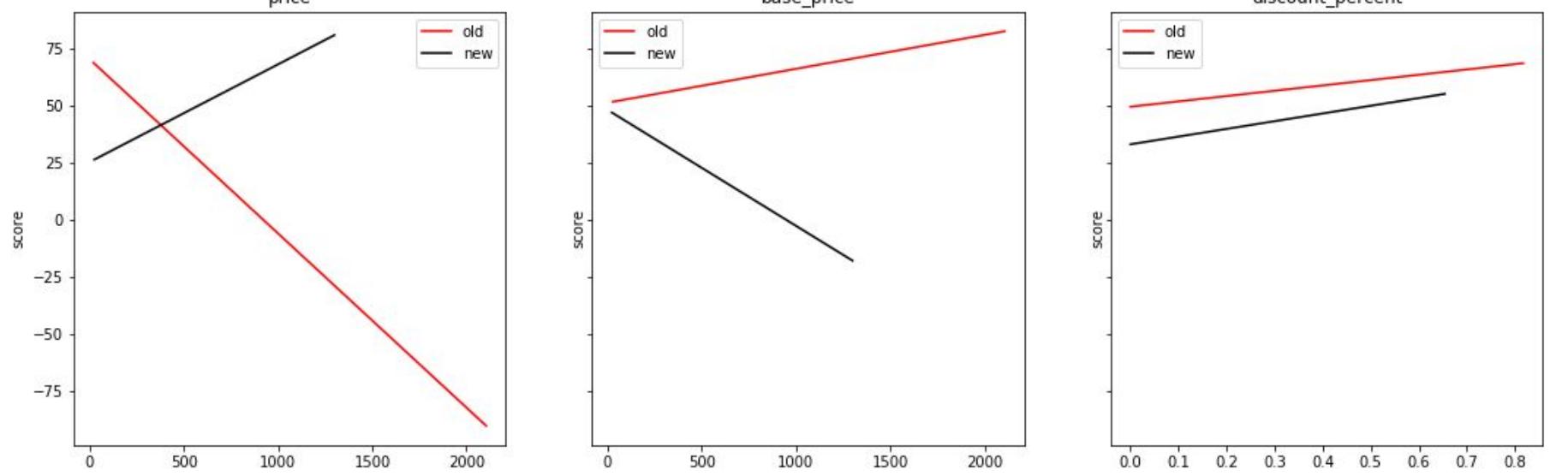
cluster 0

0	city not a Voivodeship capital	2	not-desktop, Adword search, city is a Voivodeship capital
1	desktop, Adword search city is a Voivodeship capital	3	mobile, not-Adwords, city is a Voivodeship capital
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price

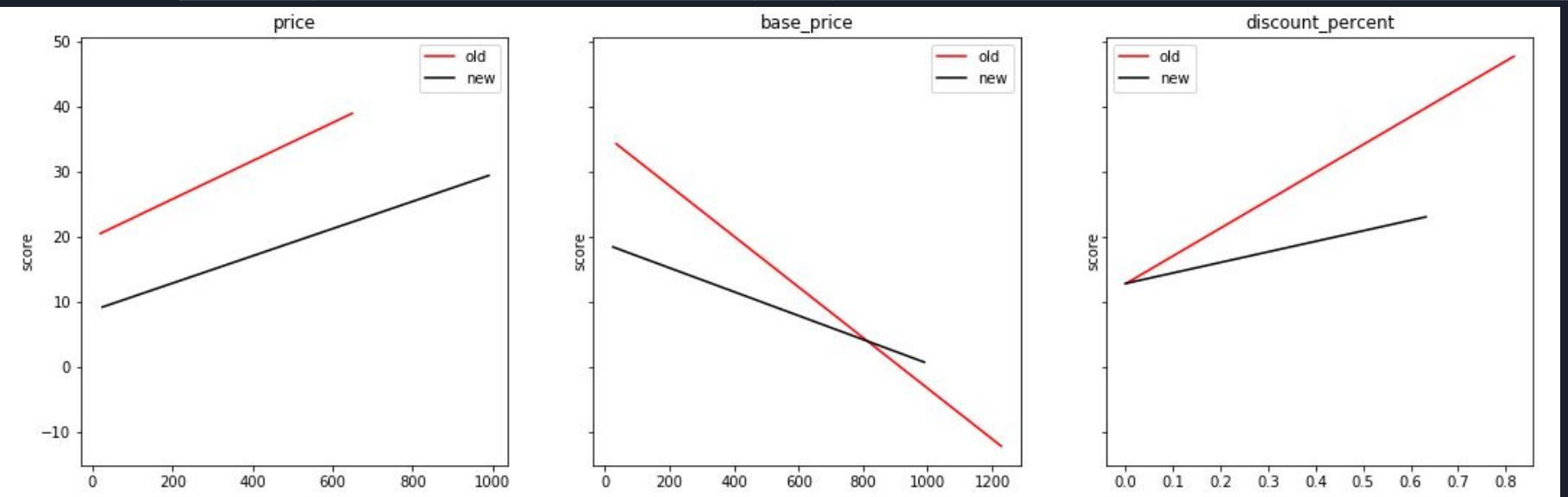
base_price

discount_percent



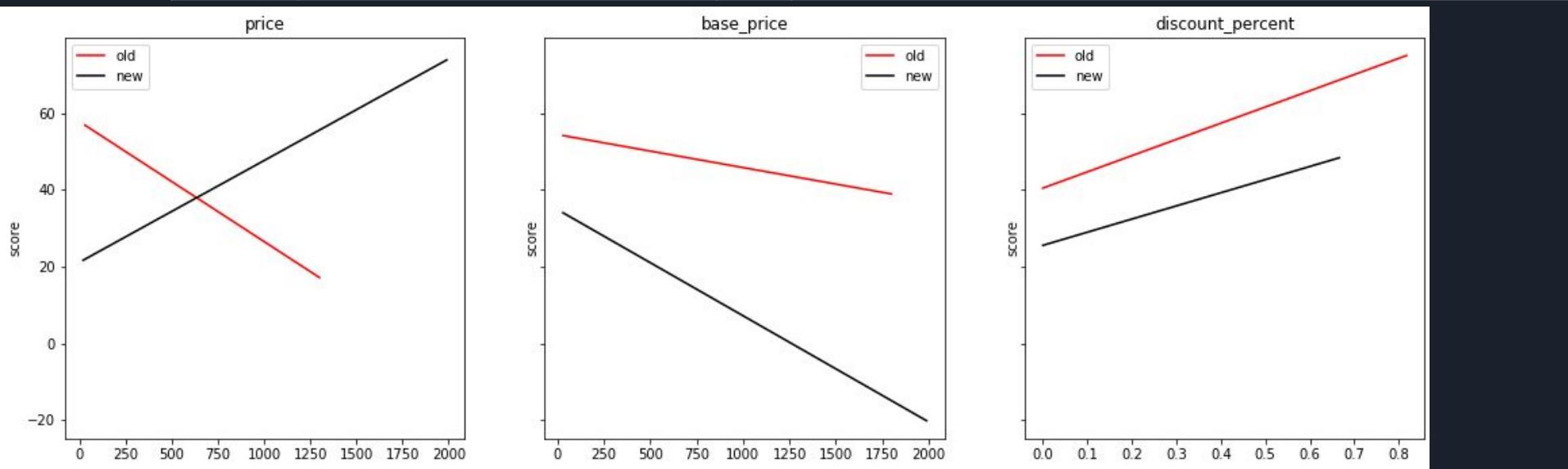
cluster

0	city not a Voivodeship capital	2	not-desktop, Adword search, city is a Voivodeship capital
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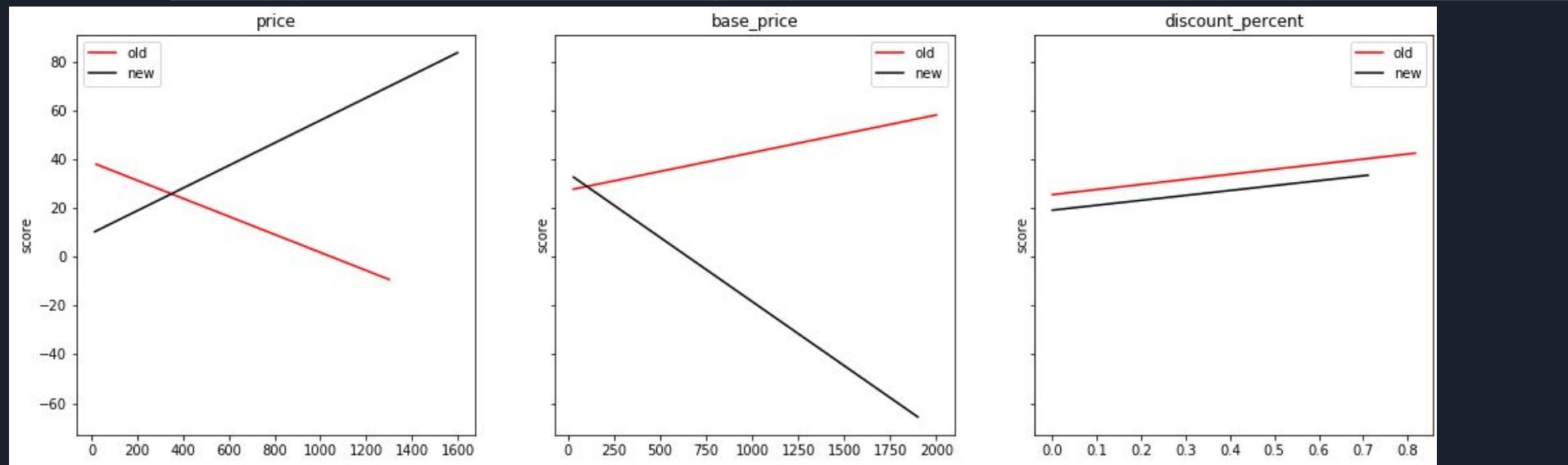
cluster 2

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4	not-mobile, not-Adwords, city is a Voivodeship capital		



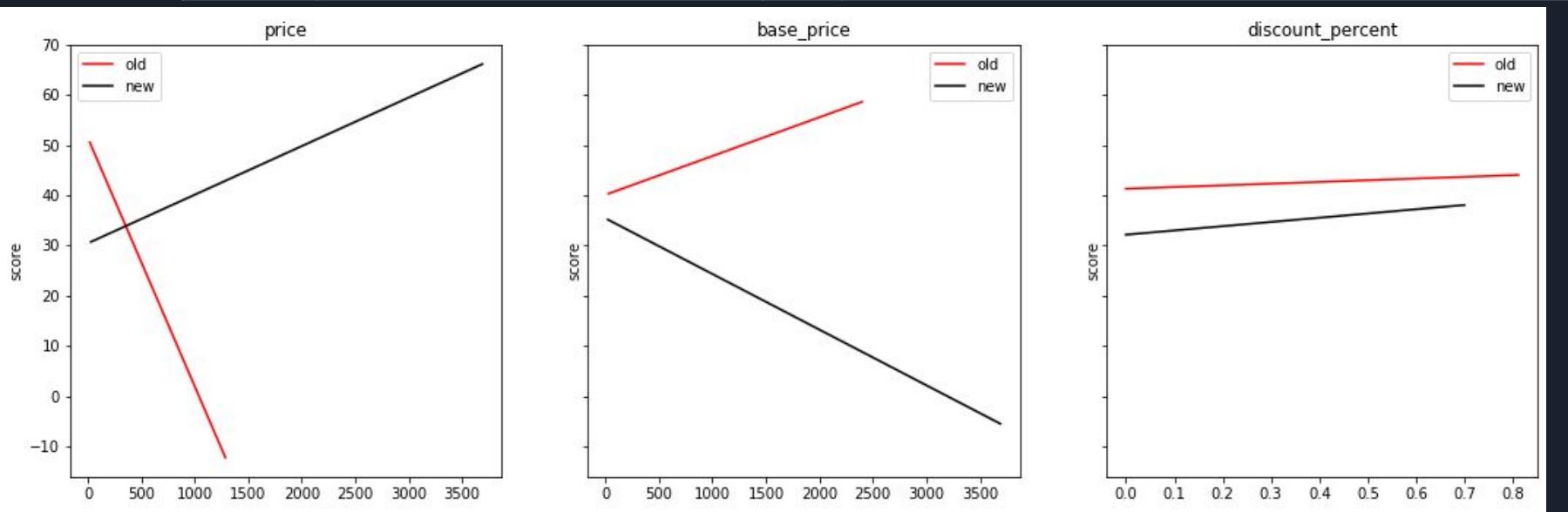
cluster 3

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1	desktop, Adword search city is a Voivodeship capital	3	mobile, not-Adwords, city is a Voivodeship capital
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cluster 4

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1	desktop, Adword search city is a Voivodeship capital	3	mobile, not-Adwords, city is a Voivodeship capital
4	not-mobile, not-Adwords, city is a Voivodeship capital		



Dziękujemy!

