Introduction to key influencers

TREND ANALYSIS IN POWER BI



Maarten Van den Broeck Content Developer at DataCamp



What are "key influencers"? Definition

Explanatory variables which cause a significant change in the characteristic of a target variable.

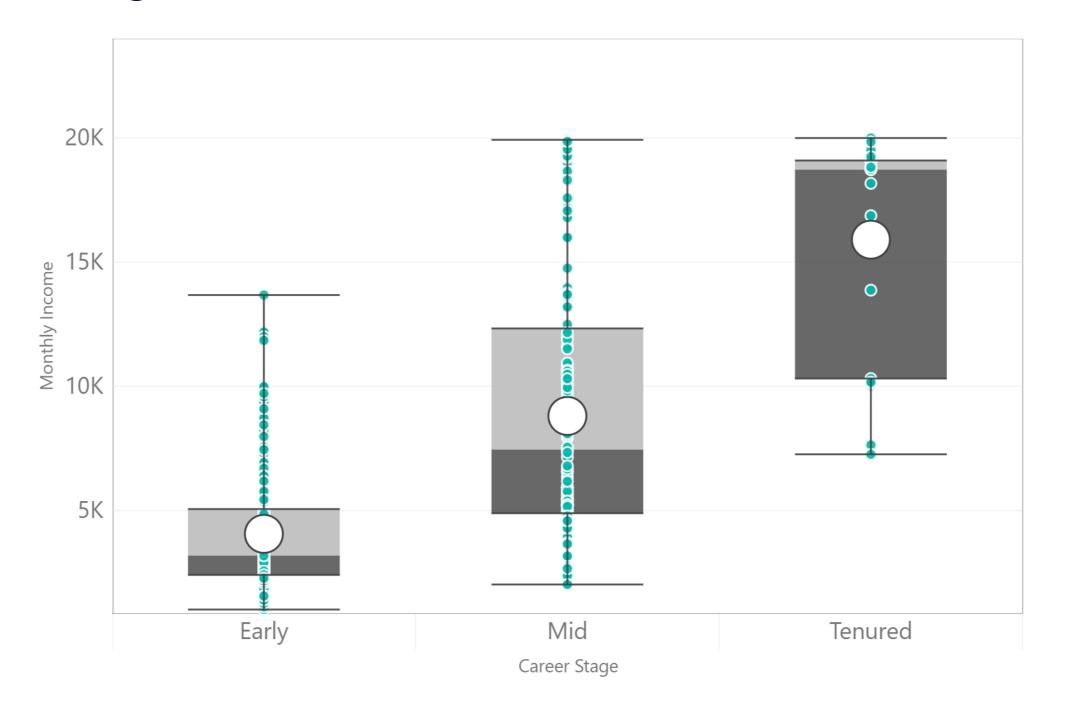
Use Cases

- Determine major drivers of a metric
- Compare the relative importance of variables
- Explore relationships between a target and another variable

¹ https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-influencers

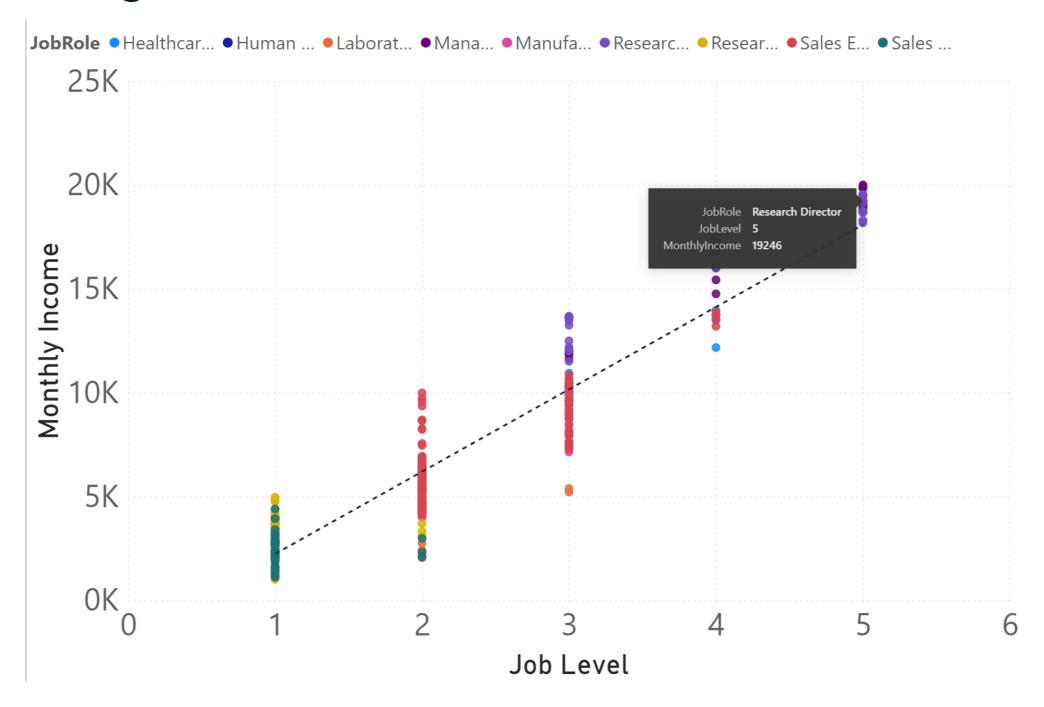


What are "key influencers"?



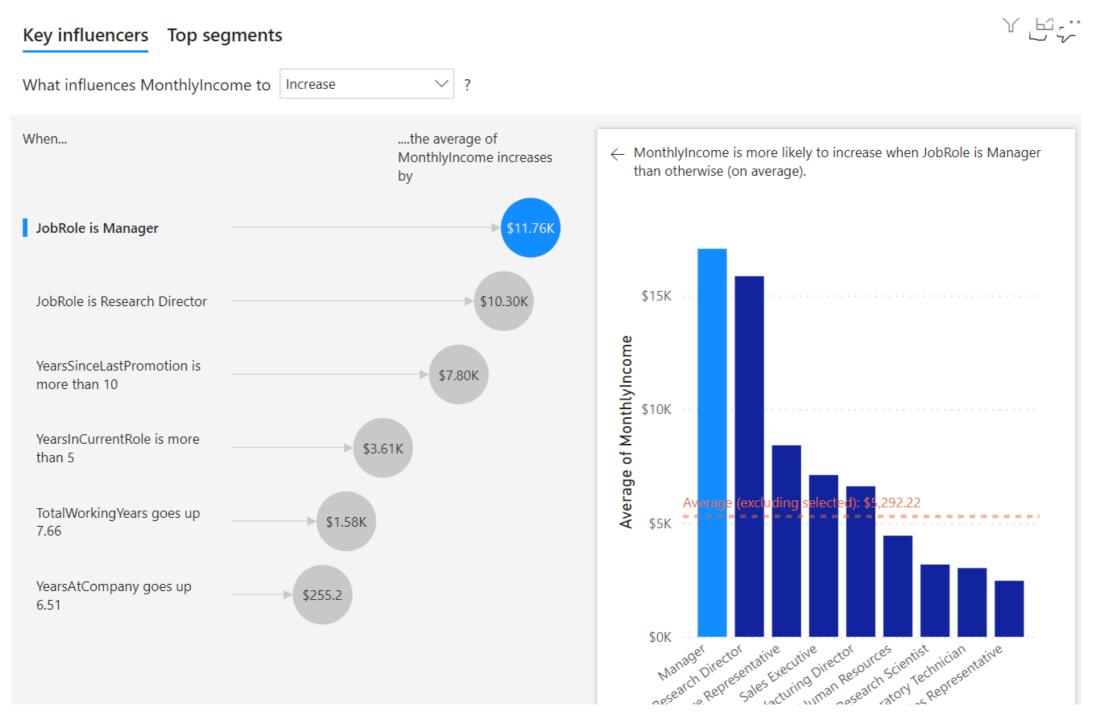


What are "key influencers"?





Key influencer visualization





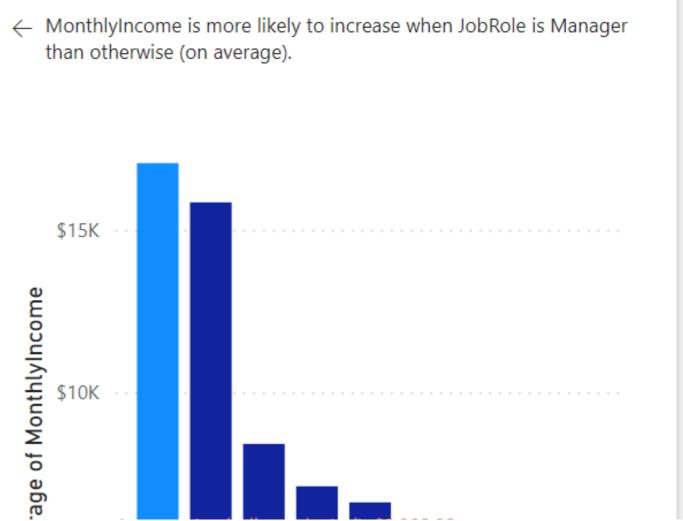
Key influencer visualization

Key influencers Top segments



What influences MonthlyIncome to Increase







Reasons why key influencers are not found

- Problem: explanatory fields have too many categories

Action: transform variable into categories

- Problem: there aren't enough observations to derive patterns

Action: increase the sample size or find new data

- There are simply no key influencers

Action: explore other explanatory variables

Let's practice!

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Using key influencers in Power BI

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Let's practice!

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Congratulations!

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Trend Analysis in Power Bl

Time series

- Extracting variables
- Line charts
- Period-over-period changes
- Rolling average

Influence of variables

- Decomposition trees
- Key influencers

See you again! TREND ANALYSIS IN POWER BI

