

# Moderná BI platforma (nielen) pre malé firmy

Jaroslav Reken



**Joyful Craftsmen**  
Business Intelligence Crafted to Joy

# Jaroslav Reken



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# Agenda

- Úvod do BI
- Demo: Sledovanie projektov
- Demo: Pracovné výkazy
- Prečo BI (nielen) v malých firmách?
- Demo: Náklady a príjmy
- Demo: Automatizácia BI

# Úvod do BI

# Business Intelligence (BI)

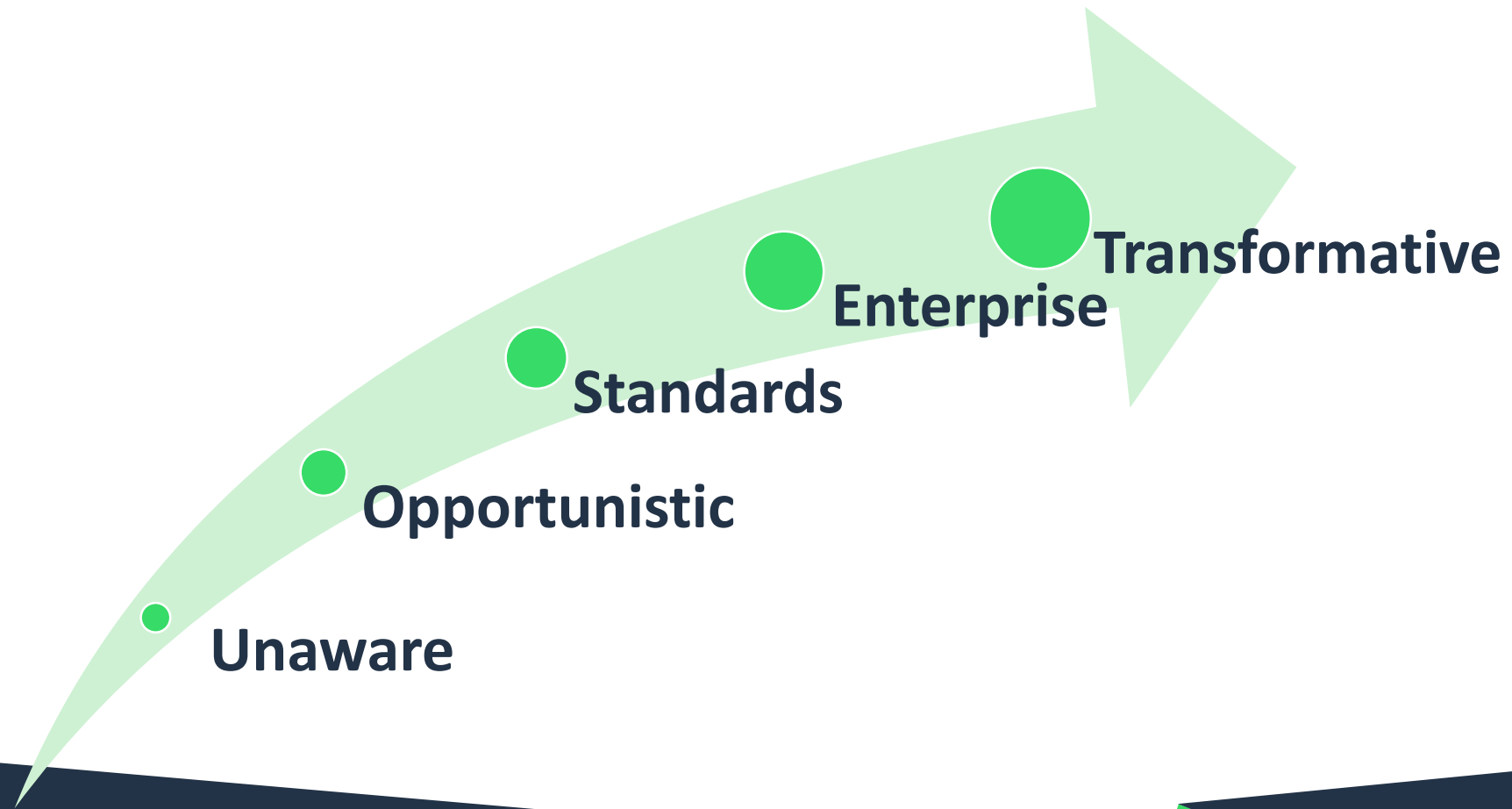
can be described as "a set of techniques and tools for the acquisition and transformation of raw data into meaningful and useful information for business analysis purposes".

Wikipedia

# Investícia do BI

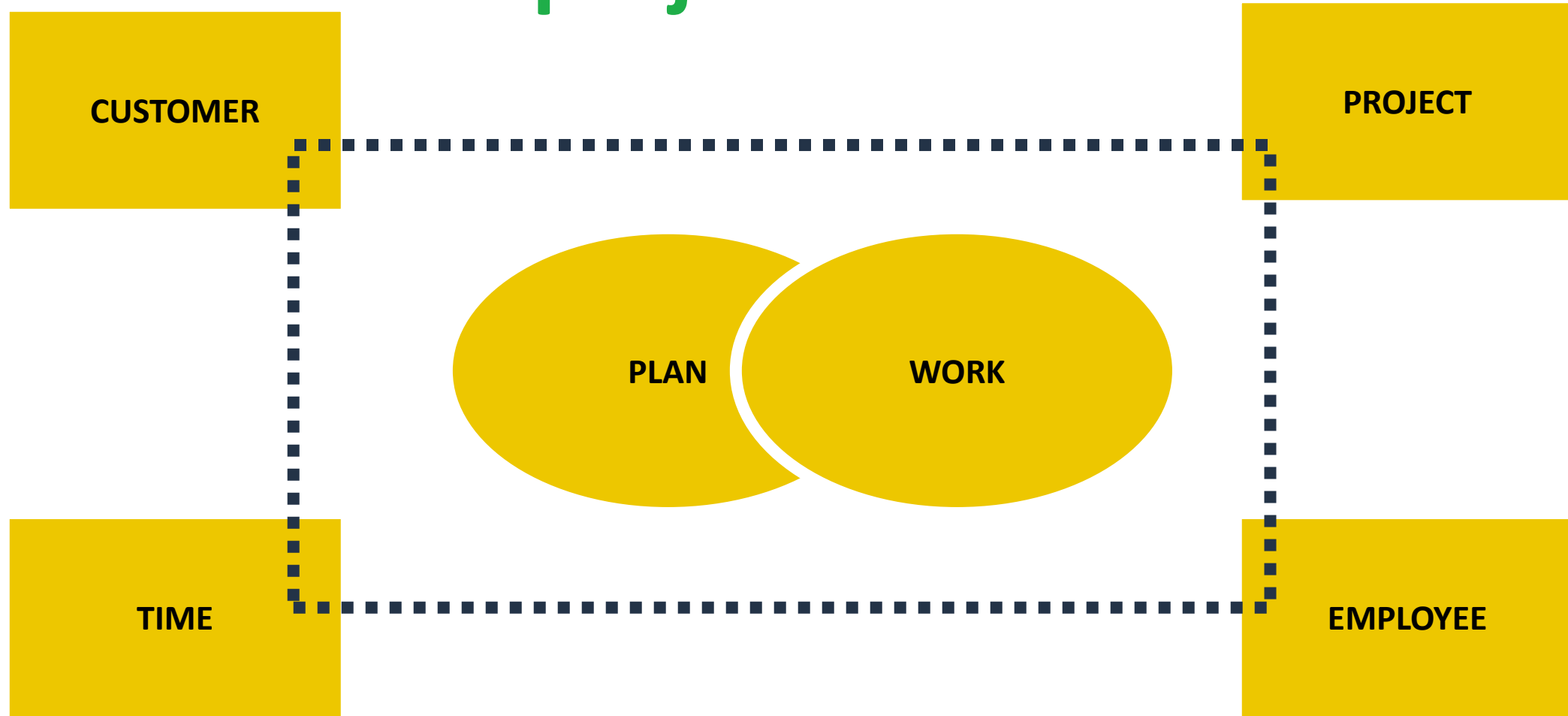
- Uvedomiť si čo je obsahom?
- Čo znamená neinvestovať?
- Prínos investície do BI

# Gartner BI Maturity Model





# Sledovanie projektov



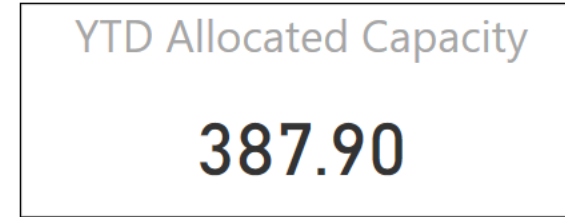
# Sledovanie projektov

## Demo

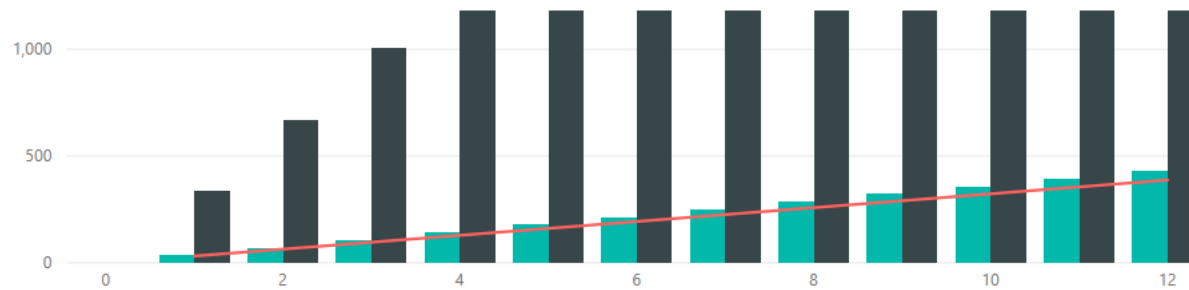
10

#JOYFULBI

|            |     |    |    |     |    |    |     |    |    |    |     |    |    |    |
|------------|-----|----|----|-----|----|----|-----|----|----|----|-----|----|----|----|
| Select all | ADL | BN | CS | DNA | FA | FE | GOP | JC | JS | MC | QIC | SP | SR | WG |
|------------|-----|----|----|-----|----|----|-----|----|----|----|-----|----|----|----|



● YTD Planned Days ● YTD Worked Days ● YTD Allocated Capacity



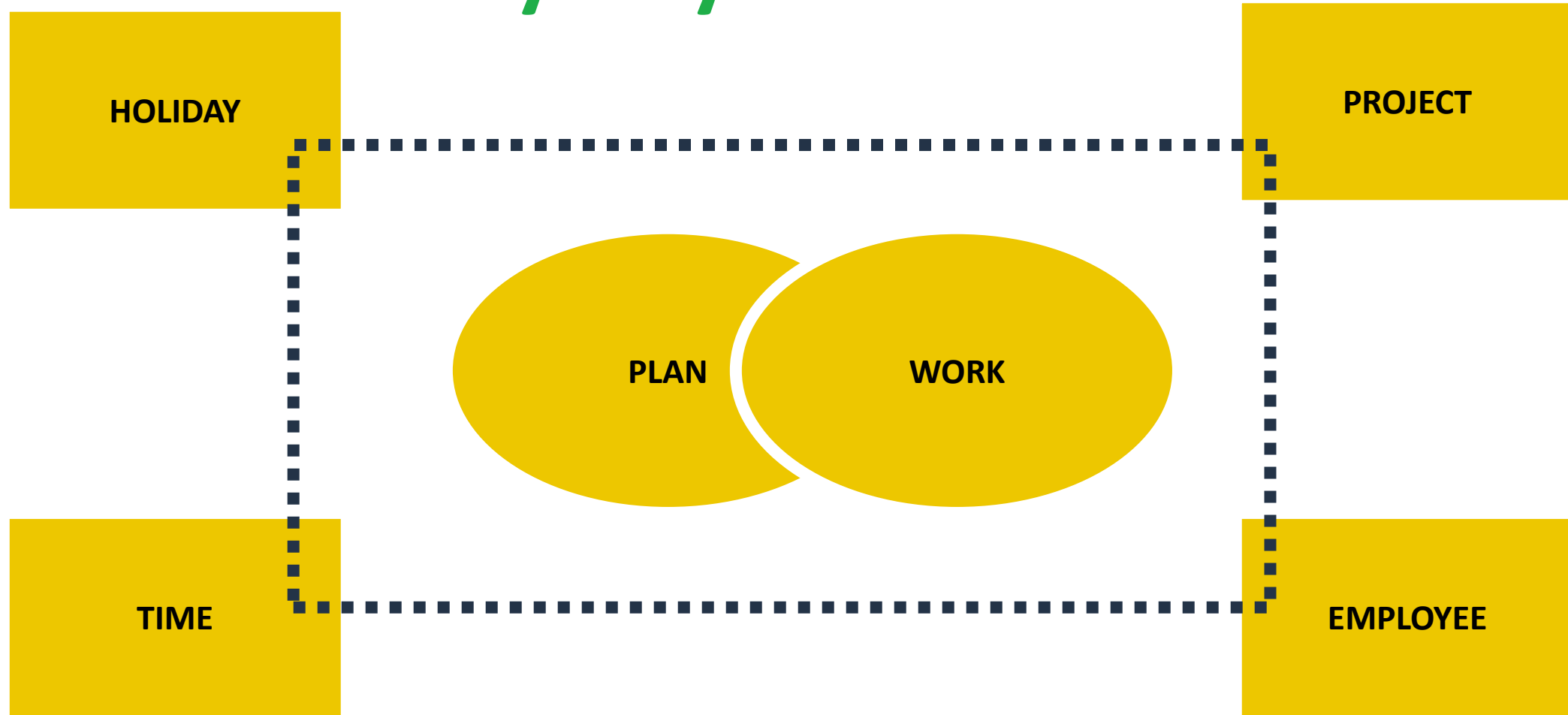
**Action:**  
Please check the bellow links that you have planned the project properly.

[Customer Plan](#)

**Action:**  
If the target is bellow the maximum capacity you need to allocate more people to the project.

[Person Contract Assignment](#)

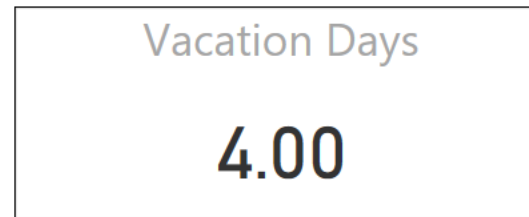
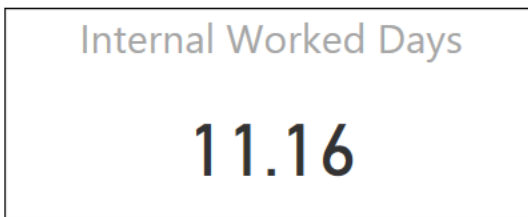
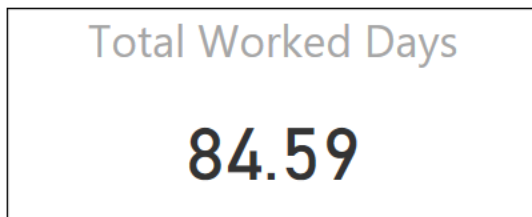
# Pracovní výkazy



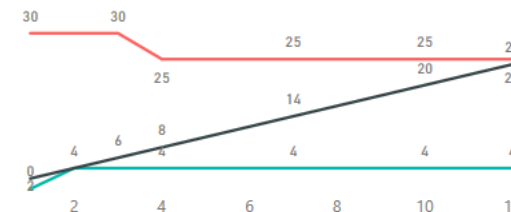
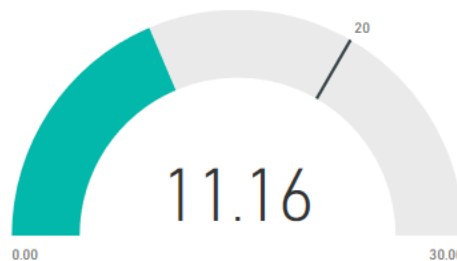
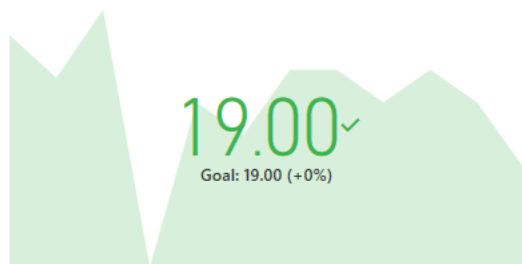
# Pracovní výkazy

## Demo

|            |       |      |        |       |        |        |          |       |      |       |          |          |
|------------|-------|------|--------|-------|--------|--------|----------|-------|------|-------|----------|----------|
| Select all | leden | únor | březen | duben | květen | červen | červenec | srpen | září | říjen | listopad | prosinec |
|------------|-------|------|--------|-------|--------|--------|----------|-------|------|-------|----------|----------|



Filip x



**Action:**  
Please check the bellow links that you have reported all your work properly.

[Work Records](#)  
[Holidays](#)

**Action:**  
If the Internal work is not fully planned please use the bellow link to plan it to avoid capacity pressure due to unplanned study.

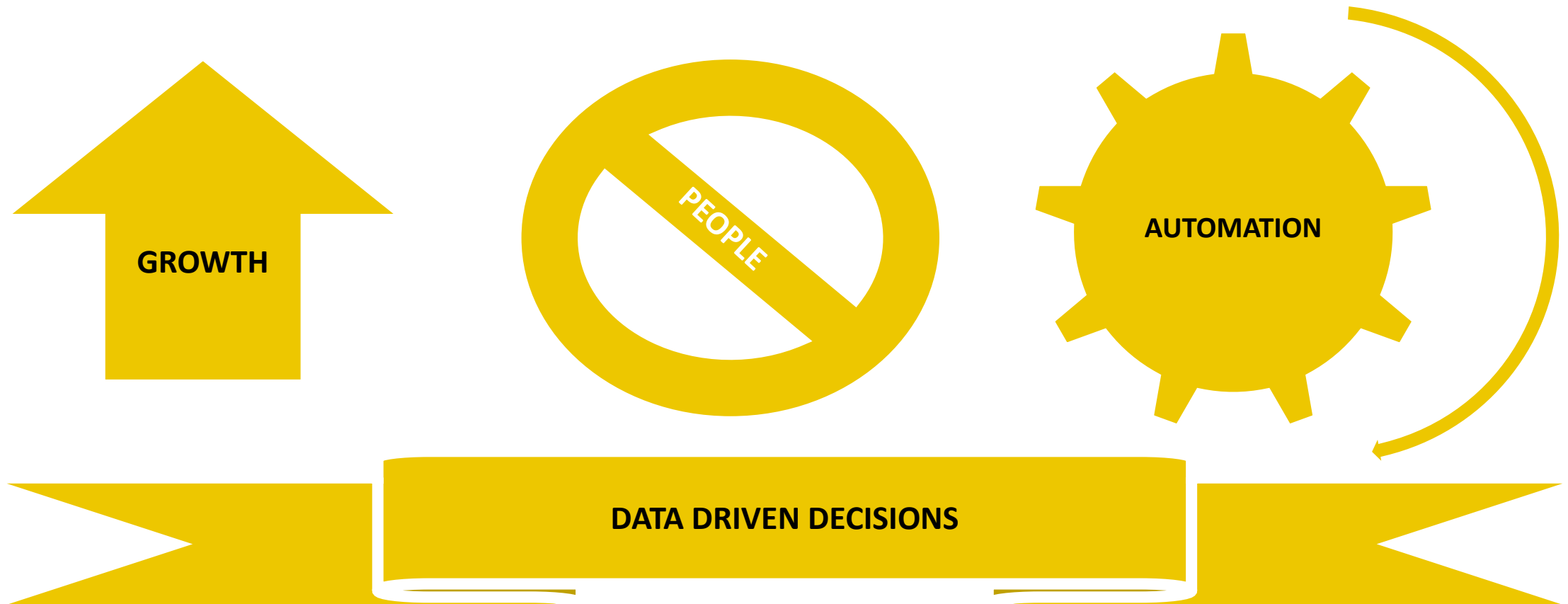
[SGP Plan](#)

**Action:**  
Notify employee to plan vacation in advance to avoid vacation cummulation at the end of year.

[Person Plan](#)

# Prečo BI?

# Prečo BI (nielen) v malých firmách?





# Prečo Power BI (nielen) v malých firmách?

- Cena/výkon
  - Zadarmo
    - Vývoj
    - Osobné použitie
  - 8,-EUR za Pro užívateľa
- Natívna integrácia s O365
- Komunita
- MS Power platforma
- Možný rast do MS BI technológií



Office 365

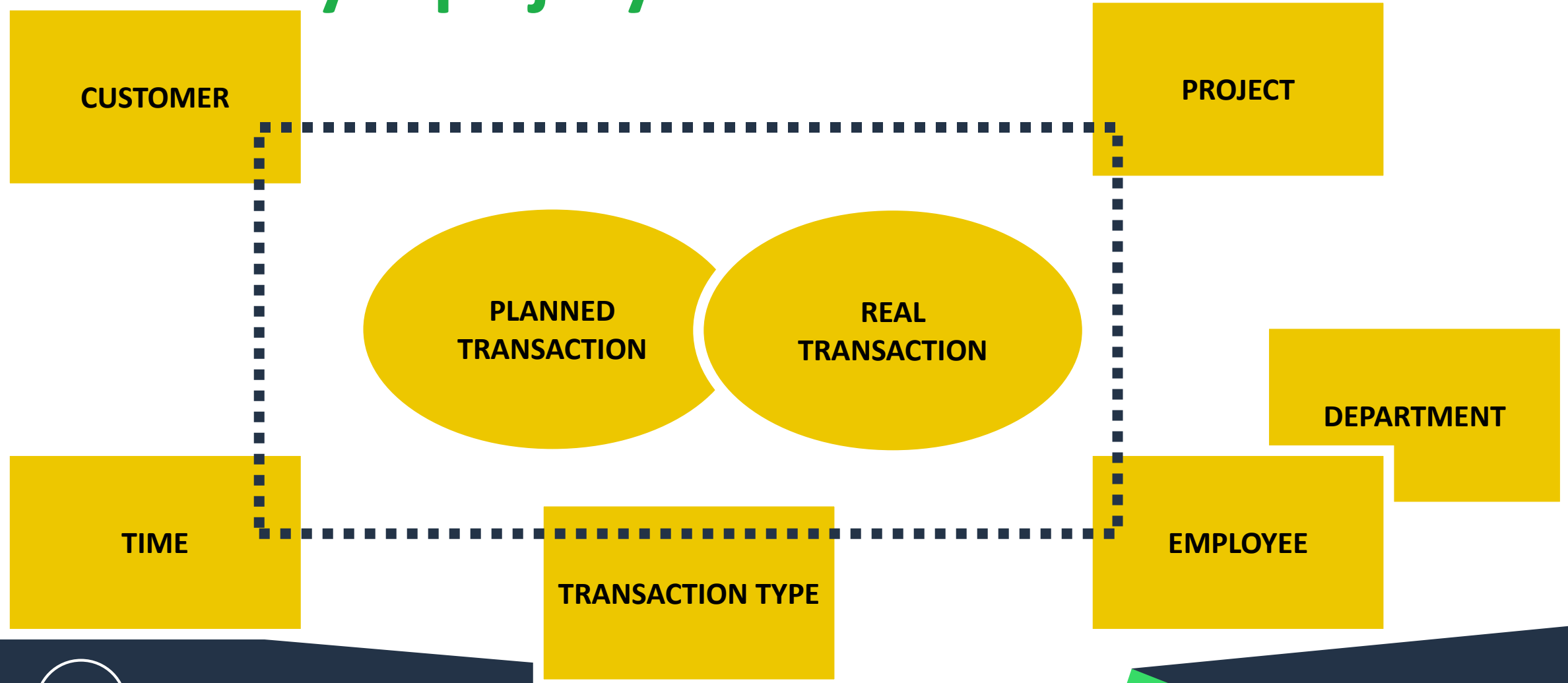


Microsoft  
SQL Server

# Tipy ako začať

- Agilne
- Definovať víziu benefitu pre biznis
- Validovať prínos investície
- Budovať interný tím so znalosťou firemných procesov a dát
- Vybrať si kvalitného externého partnera

# Náklady a príjmy



# Náklady a příjmy

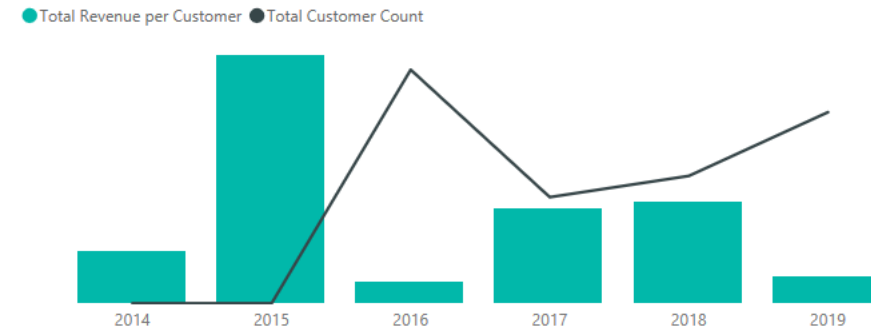
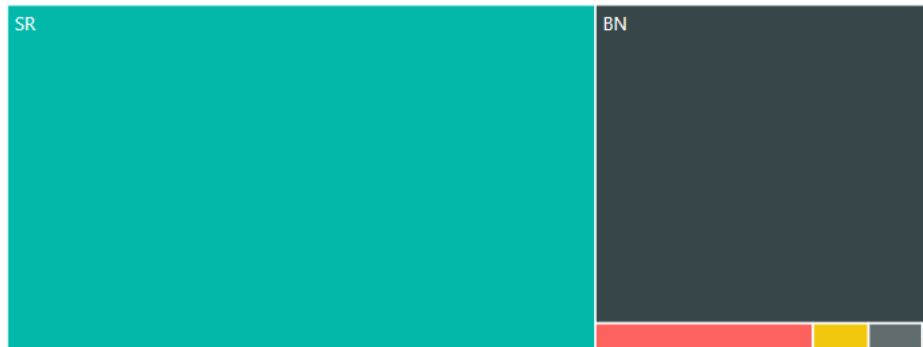
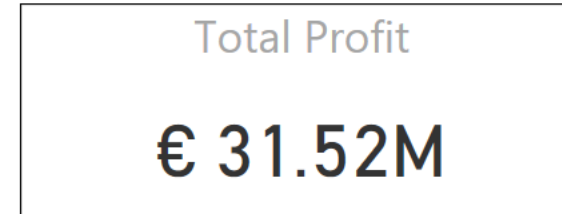
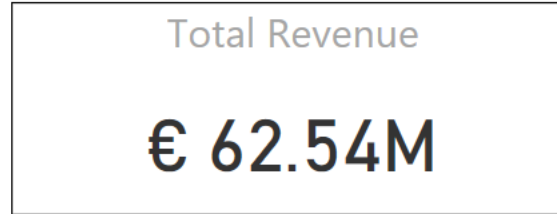
## Demo



# Loss & Profit Dashboard



|            |      |      |      |      |      |      |     |     |    |    |    |
|------------|------|------|------|------|------|------|-----|-----|----|----|----|
| Select all | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |     |     |    |    |    |
| Select all | ADL  | BN   | CS   | DNA  | FA   | FE   | GOP | QIC | SP | SR | WG |



Action:

Please check the bellow links that you have all the contracts signed. Evaluate the [Cost Detail Report](#) to see the cost break-down.













Signed Contracts

# Automatizácia BI


Power BI

Sorted by popularity

All flows Featured Shared with me Approval Button Data collection Visio Email Events and calendar Mobile Notifications Productivity


|   |  |  |   |
|---|--|--|---|
| <br><b>Trigger a flow with a Power BI data-driven alert</b><br>By Microsoft<br>Automated 19587                         | <br><b>Send an e-mail to any audience when a Power BI data alert is triggered</b><br>By Microsoft<br>Automated 11017 | <br><b>Send e-mail from my personal Outlook.com to anyone on Power BI data alerts</b><br>By Microsoft<br>Automated 2385 | <br><b>Run sentiment analysis on tweets and push results to a Power BI dataset</b><br>By Microsoft<br>Automated 1841 |
| <br><b>Post a message to a Slack channel when a Power BI data alert is triggered</b><br>By Microsoft<br>Automated 1019 | <br><b>Trigger an alert in Microsoft Teams when a Power BI alert is triggered</b><br>By Microsoft<br>Automated 779   | <br><b>Visualize classroom walkthrough data in Power BI</b><br>By Microsoft<br>Automated 582                            | <br><b>Alert your team via email when a Power BI data alert is triggered</b><br>By Microsoft<br>Automated 382        |
| <br><b>Update Power BI dataset when a SharePoint file is updated</b><br>By Microsoft Flow Community                  | <br><b>Add rows to a dataset in Power BI when an item is created in SQL Server</b>                                 | <br><b>Add rows to dataset in Power BI after approval on Microsoft Form submission</b>                                | <br><b>Trigger a text message with a Power BI data-driven alert</b><br>By Nexmo                                    |

# Automatizácia BI Demo

 When a data driven alert is triggered (Preview) ⋮

\* Alert Id



 Send an email ⋮


\* To

\* Subject

\* Body

Show advanced options ▾



 Refresh a dataset (Preview) ⋮

\* Workspace

\* Dataset



# Ďakujem!

Kontaktujte nás!

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Business Intelligence Crafted to Joy