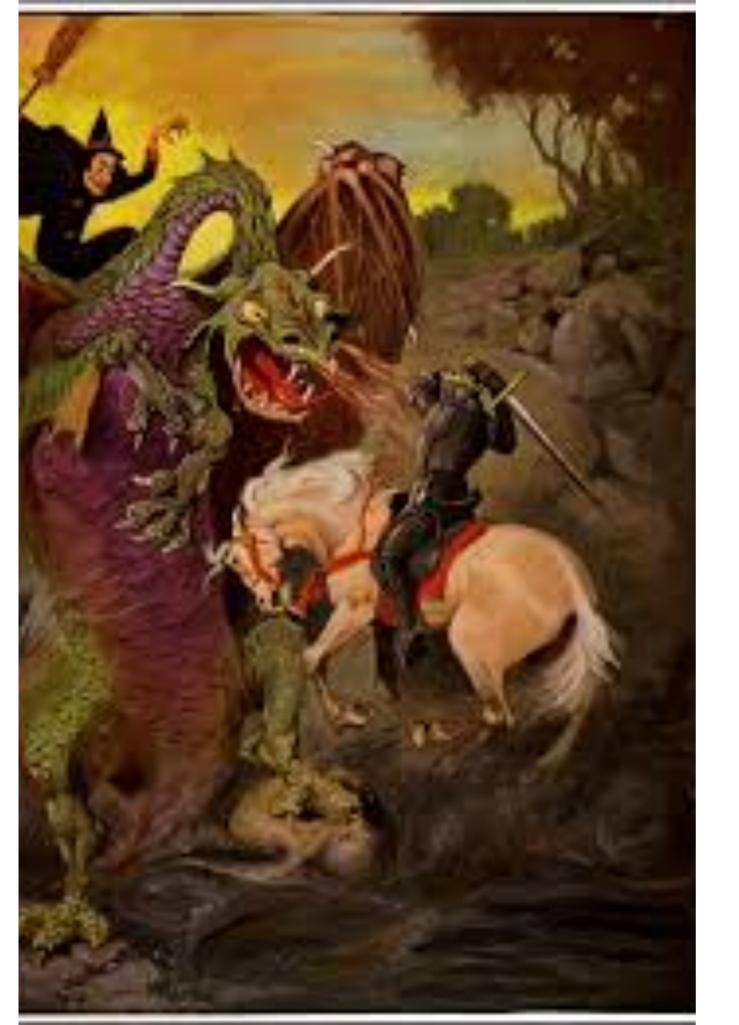


Mikołaj Malec

## Bajki w Data Science

Na podstawie Nature Methods: Storytelling



# Wszyscy znamy jakąś bajkę

### Wykresy nie tylko dla białych kołnierzyków





# Narracja jest nieodłącznym elementem Data Science



If If young tady who is reappraishe for from Sheather in now in law filtereds your, and her first idea of May Denoising is traceable to his massing with a small figure of Purah riding on a Dolphin, and contribed to represent England. The thought assured to her when socking to arrane a bother confused to his ball by Encount is a believed that these illustrations of Geography may be resilieved exhaustional, and prove of service to young scholers, who commonly think Globes and Mays hat wearsoms aids to browledge, by stabling them to retain the nation of the various countries as learnessmally carioustated in the work by successing them in their results eye with old forcy figures. The blaffs and benefitseds of Scotland would be identified with the strongling Pipes, and Lu Helle Finance with the grotospoc looking mailers dancing before a





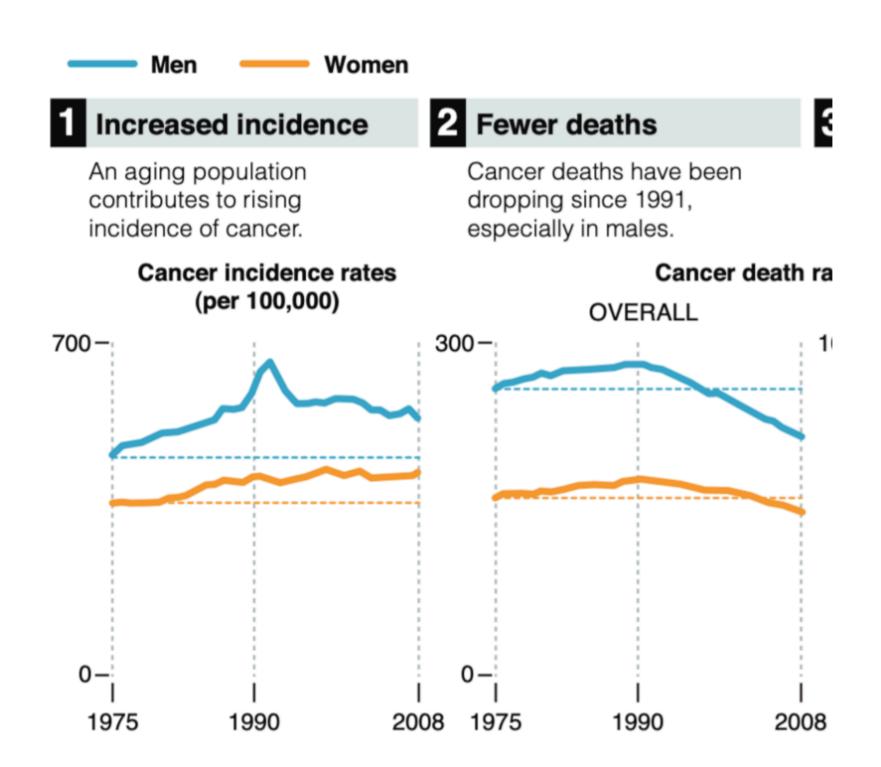
Wstęp - Pytanie - Konflikt - Rozwiązanie

## Historia

#### WHERE THERE'S SMOKE—THERE'S CANCER

Cancer rates are up, but mortality is down. New diagnostics and treatments are responsible for part of this trend. But the greatest single contributing factor is the decline in smoking—rates are at their lowest level in 50 years.

# Wstęp i pytanie

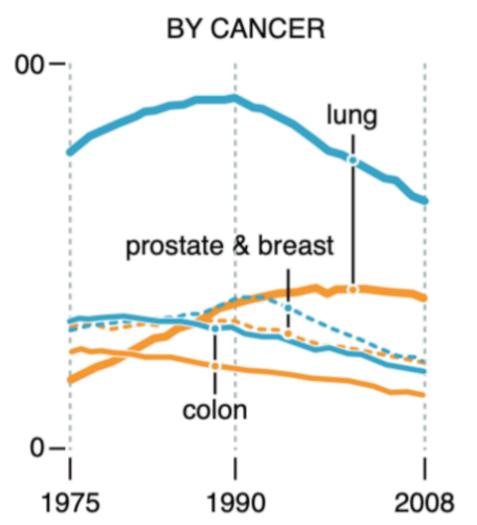


# Konflikt

#### Decline of lung cancer

Drop in lung cancer deaths in males is the primary reason why death rates are down.

#### ites (per 100,000)



#### 4 Decline in smoking

1965

Since the 1964 first Surgeon General's report, smoking rates have been dropping. By 2010, the rate among males was down to 20%, from 50% at its peak. Among youths, rates have been on an even steeper decline since 1997.

# Smoking prevalence (%) 50 adults youths in grade 12 0-

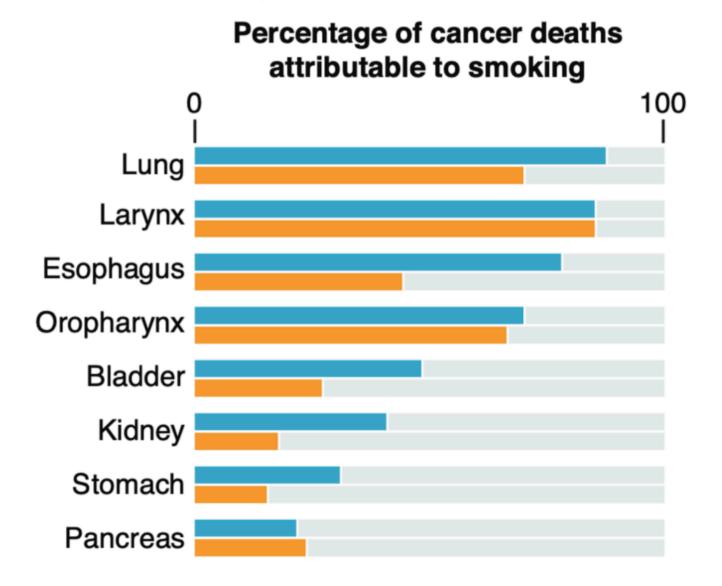
1990

2010

# Rozwiązanie

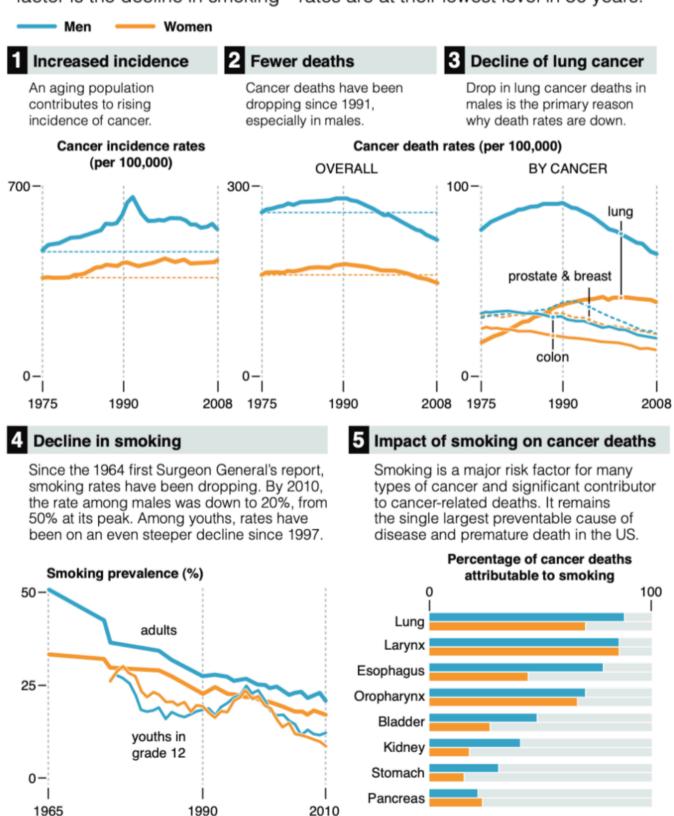
#### 5 Impact of smoking on cancer deaths

Smoking is a major risk factor for many types of cancer and significant contributor to cancer-related deaths. It remains the single largest preventable cause of disease and premature death in the US.



#### WHERE THERE'S SMOKE—THERE'S CANCER

Cancer rates are up, but mortality is down. New diagnostics and treatments are responsible for part of this trend. But the greatest single contributing factor is the decline in smoking—rates are at their lowest level in 50 years.



source: American Cancer Society Cancer Statistics 2012; Monitoring the Future (University of Michigan).



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