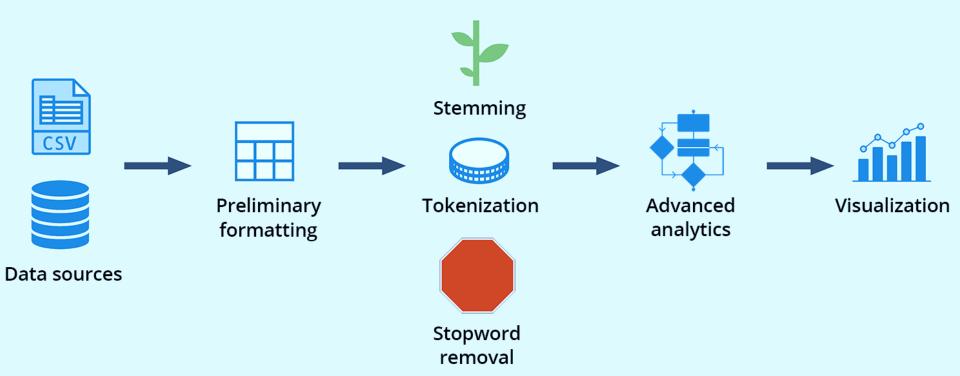
Виды интеллектуального анализа. Визуальный анализ

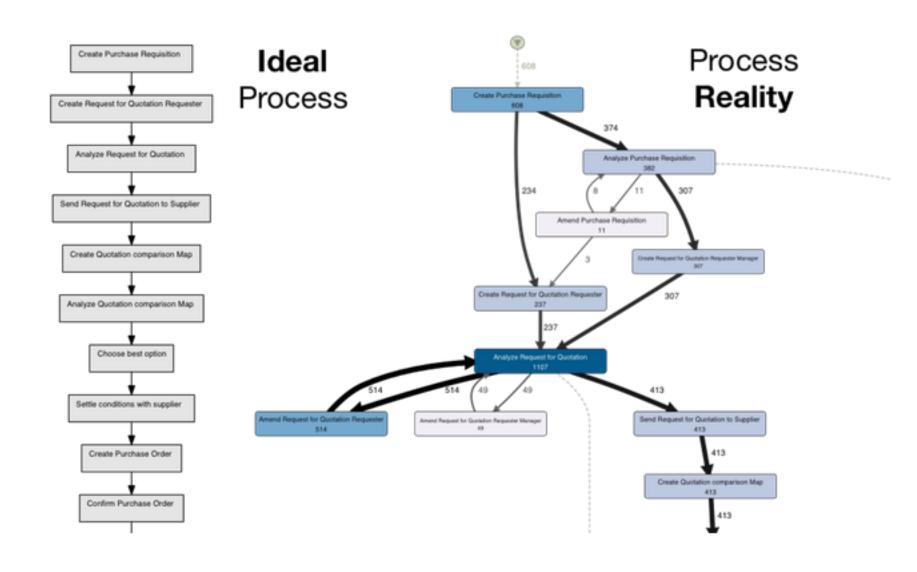
Text Mining



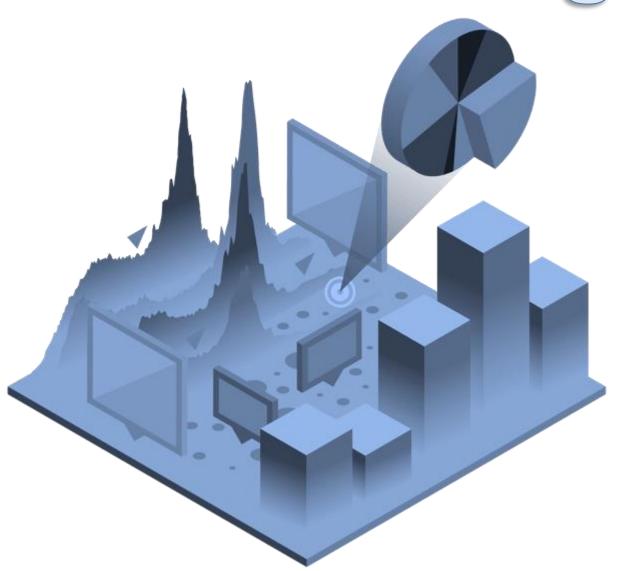
[and other basic text processing operations]



Process Mining



Visual Mining



Визуальный анализ

Visualization

Information Retrieval Data Retrieval Data Mining



Information Visualization
Scientific Visualization
Computer Graphics

Data Analysis

Human-Computer Interaction Cognitive Psychology Perception Interaction

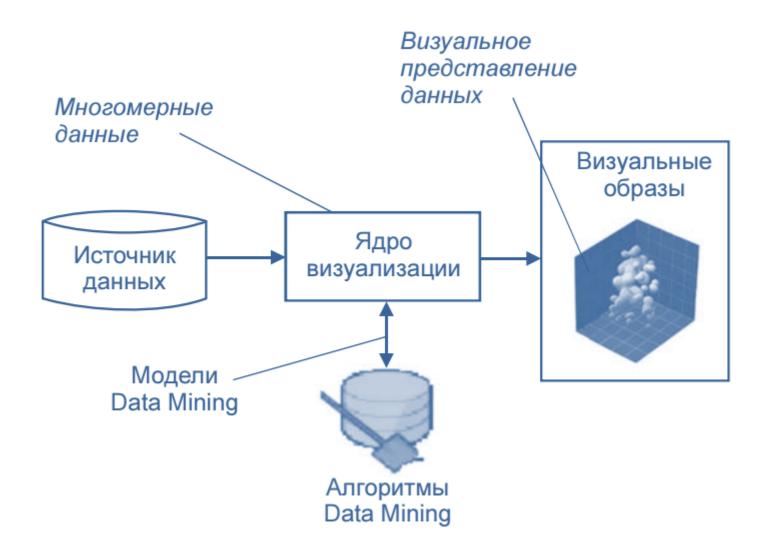
Почему же всё-таки Visual Mining?

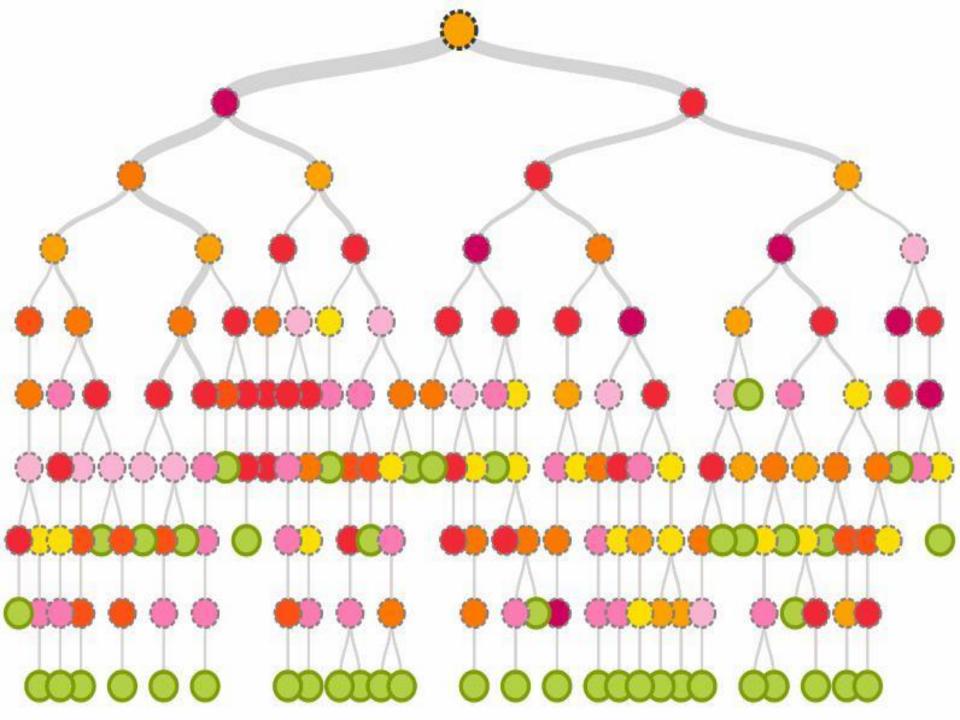
Преимущества:

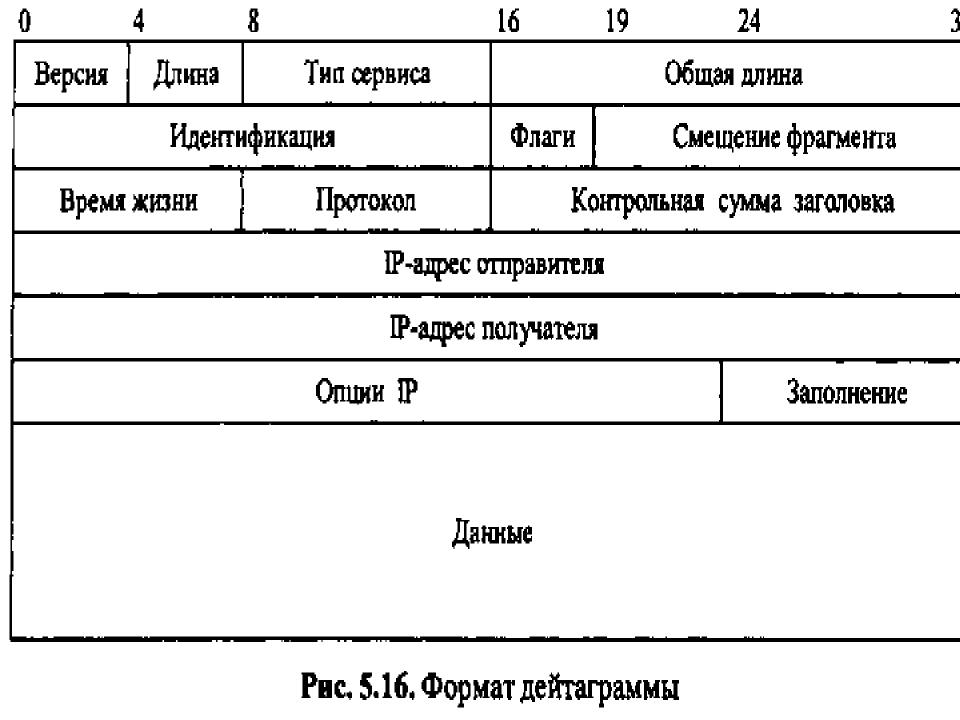
- Гибкость человеческого мышления;
- Более развитый причинно-следственный анализ;
- Обширная база знаний.

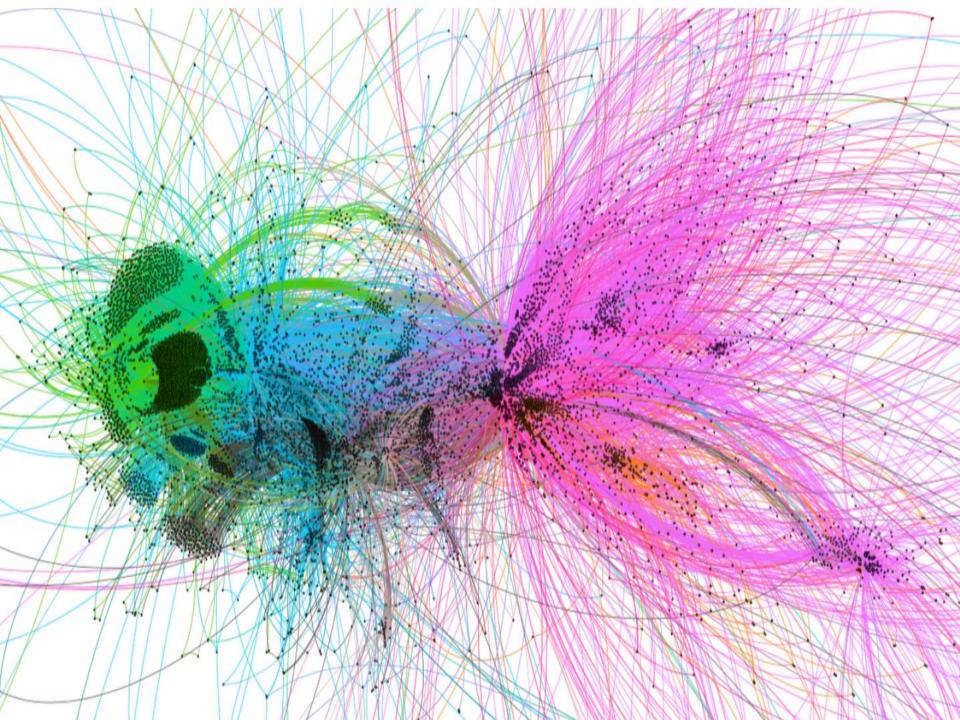
	Data Mining	Visual Mining
Действенность	+	_
Качественная оценка	+	-
Гибкость	-	+
Вовлечение пользователя	-	+

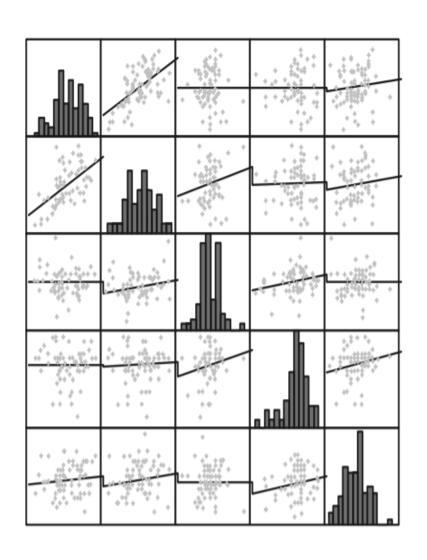
Методы визуального анализа

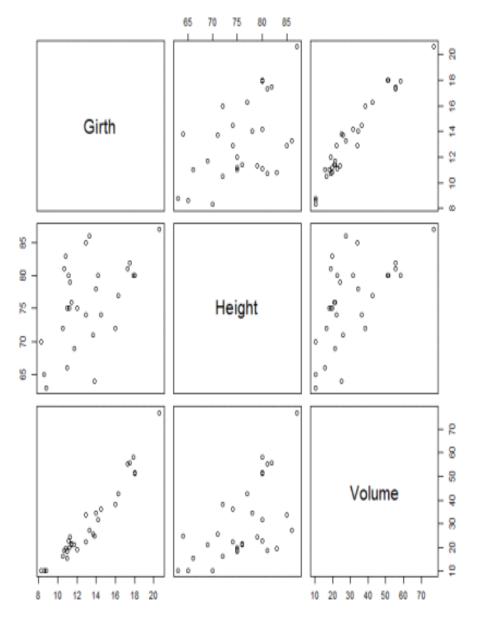




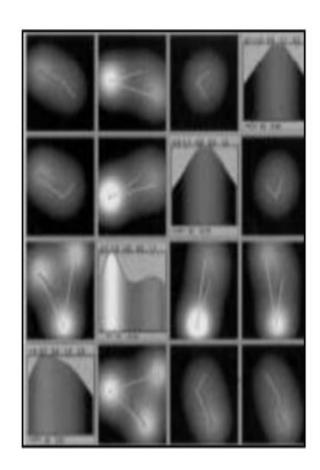


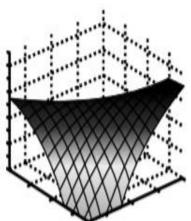


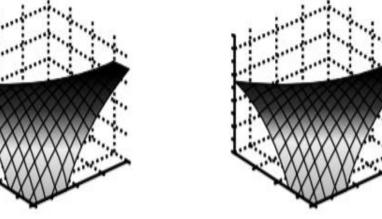


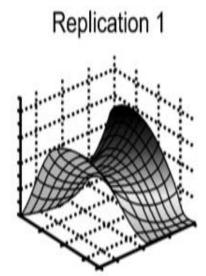


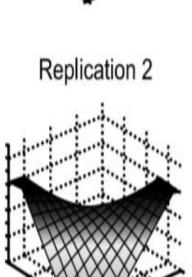


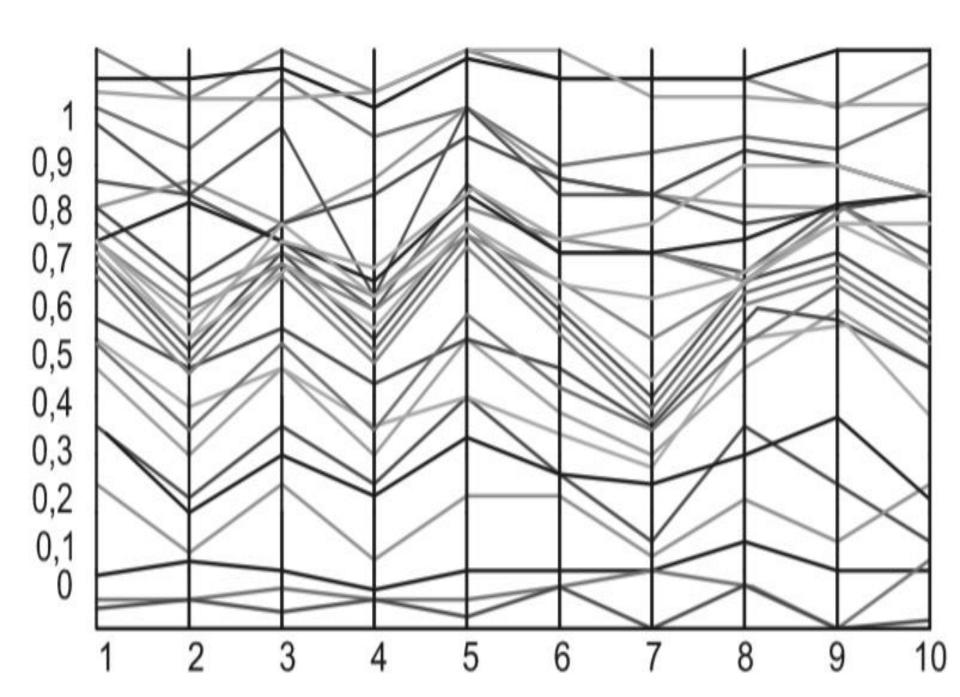


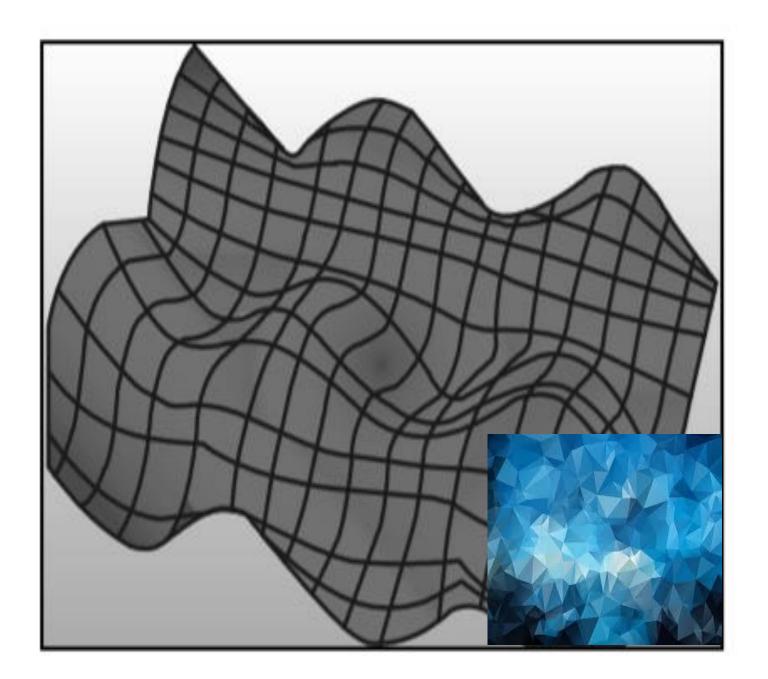




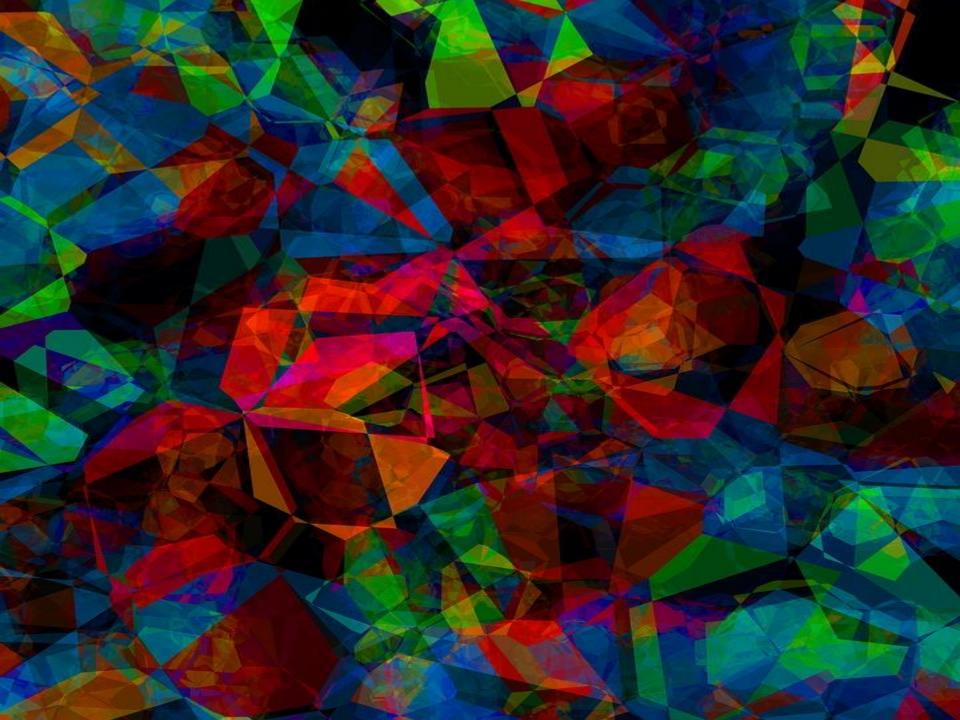


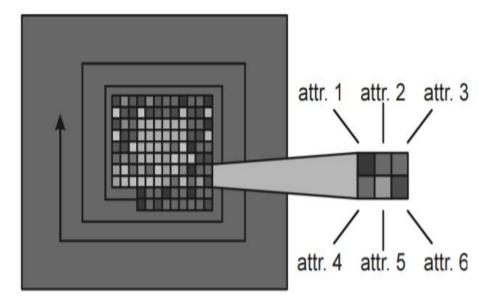


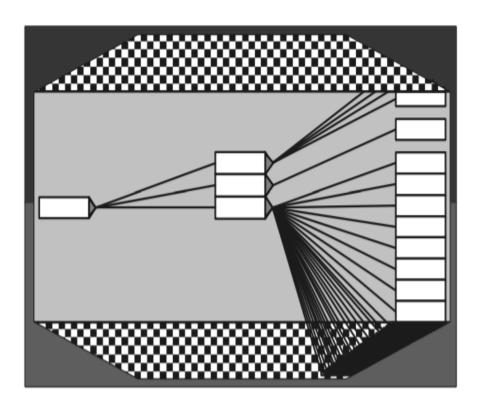


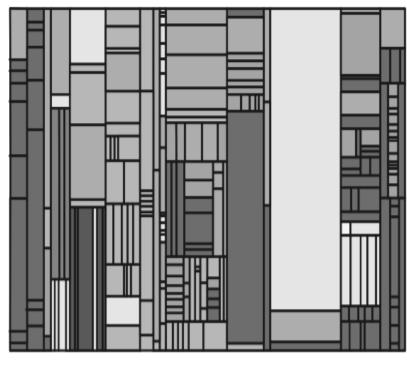


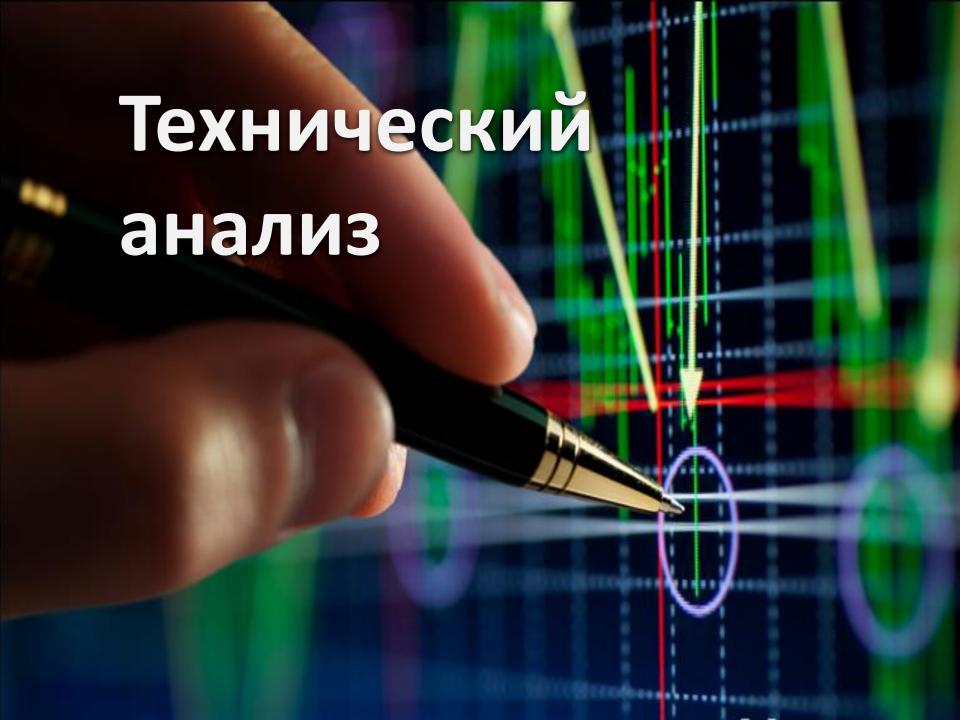
























ALL SPECIES ARE VENOMOUS, BUT THE BLUE-RINGED OCTOPUS IS THE ONLY ONE DANGEROUS TO HUMANS, RESPONSIBLE FOR AT LEAST TWO DEATHS.

one hundred thousand

IS THE MAXIMUM NUMBER OF EGGS THAT A FEMALE OCTOPUS CAN LAY, BUT THE AVERAGE LITTER SIZE IS ONLY 80.

OCTOPUSES VS. OCTOP





AN OCTOPUS HAS 3 HEARTS

THE GIANT PACIFIC **OCTOPUS CAN WEIGH** MORE THAN 600 **POUNDS**



OCTOPUSES ARE ABOUT MUSCLE

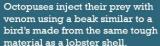
THE GIANT PACIFIC OCTOPUS CAN INHABIT DEPTHS OF UP TO 5,000 FEET



A mature female octopus can have up to 280 suckers on each arm! Each sucker contains thousands of chemical receptors, with sensitivities to both touch and taste.

> **OCTOPUSES CAN QUICKLY** CHANGE THE COLOR AND







BECAUSE THEY DON'T HAVE BONES, EVEN LARGE OCTOPUSES CAN FIT THROUGH AN OPENING THE SIZE OF A QUARTER

RECOGNIZED







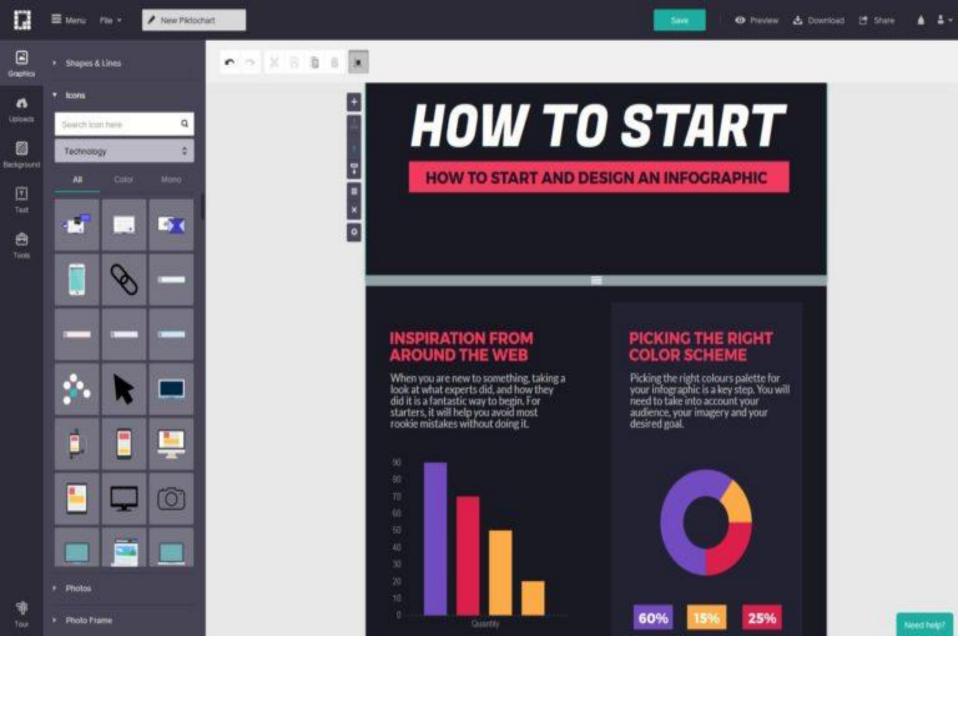


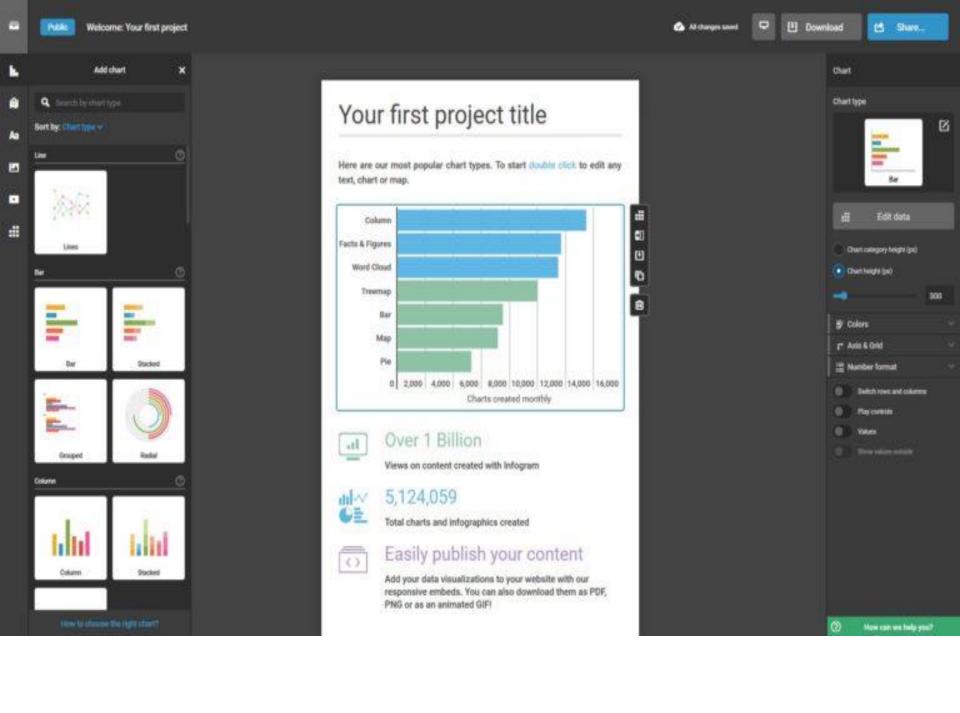


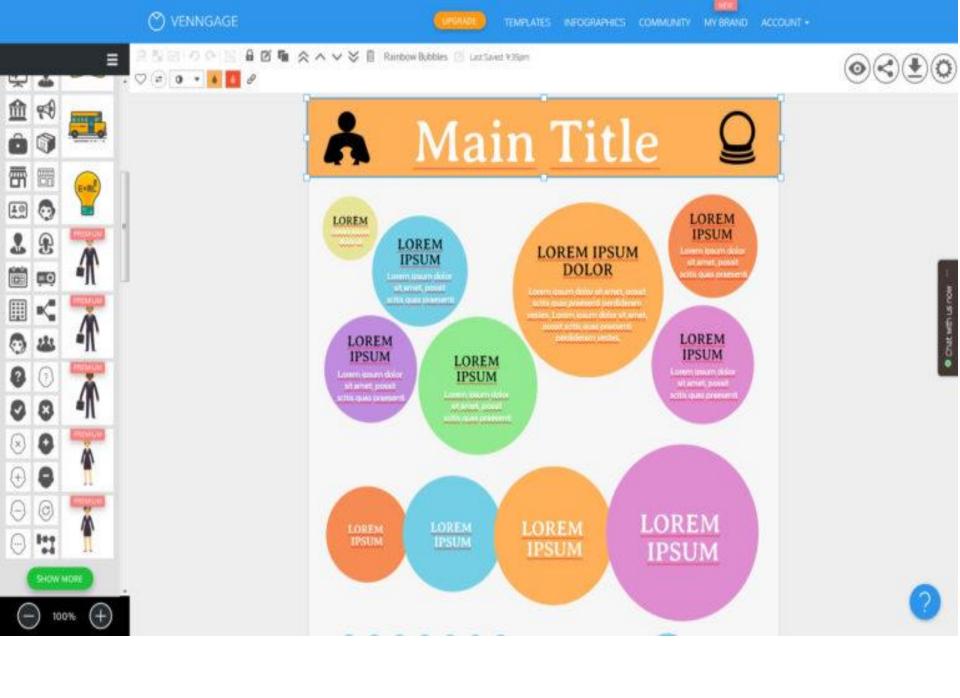


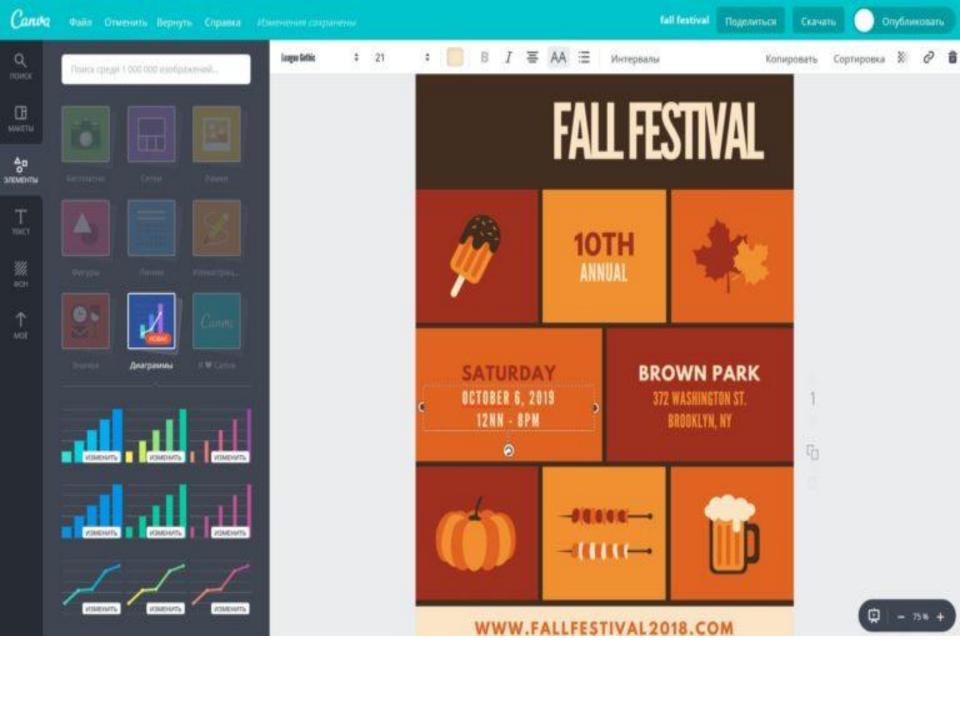




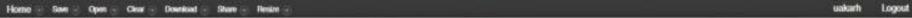












A Templates











































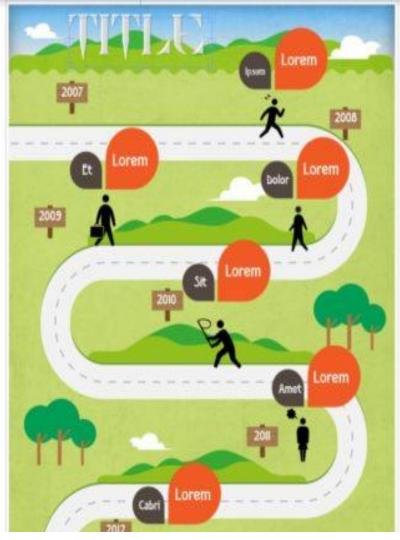




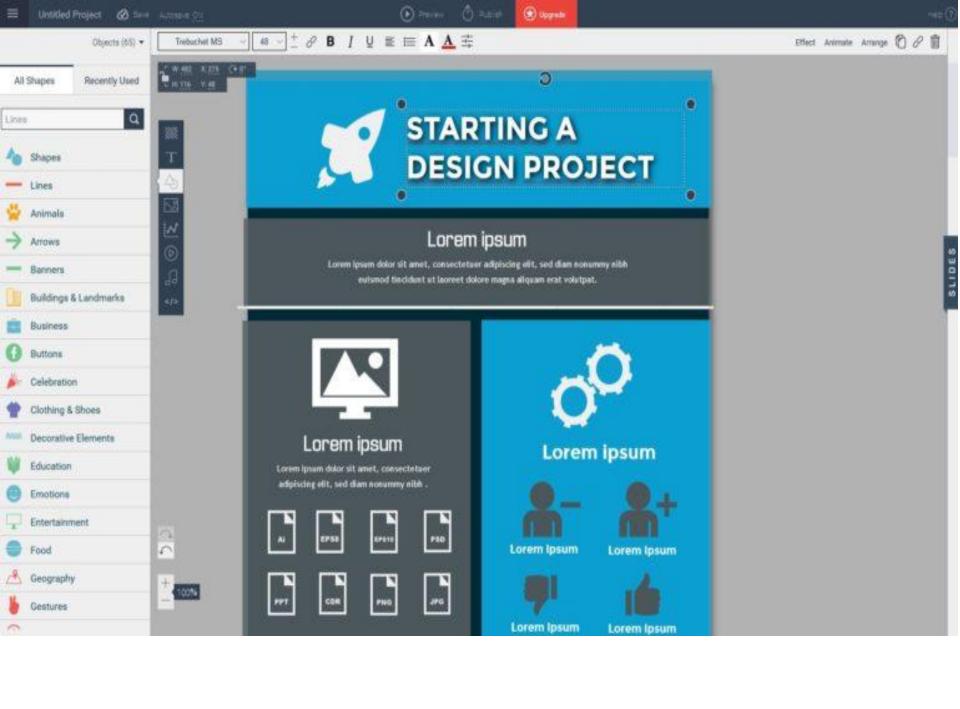
Present

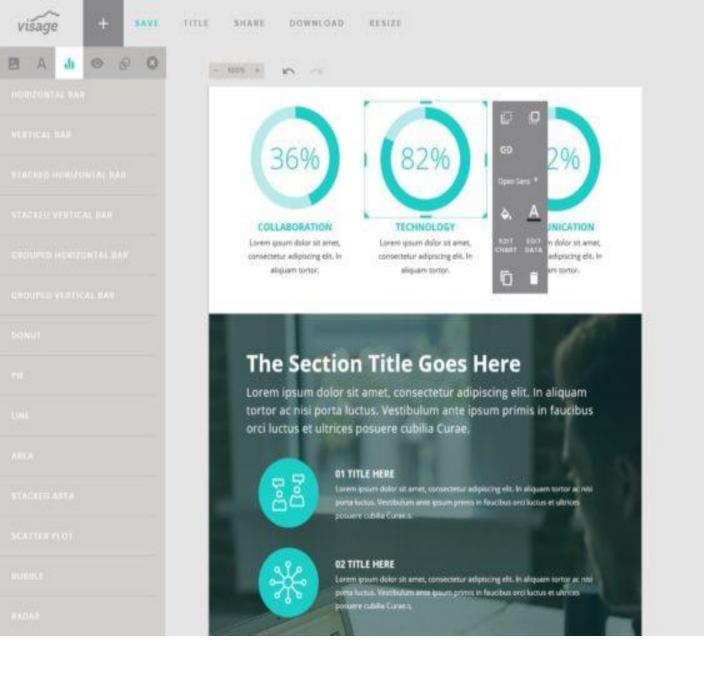
















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