



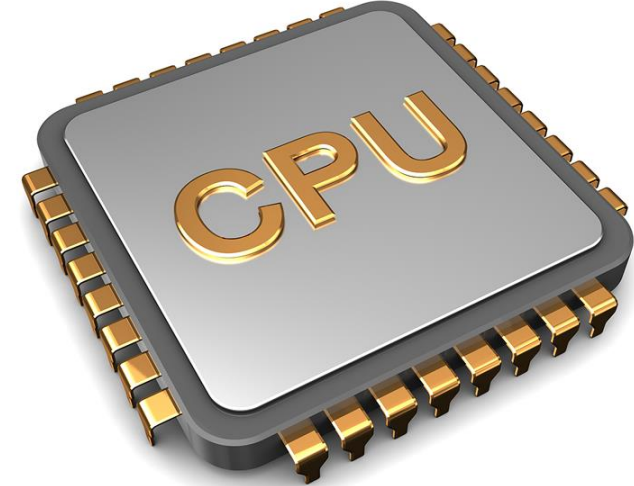
Veri Kavramı ve Veri Bilimi

Bilgi Hiyerarşisi (Data, Information, Knowledge, Wisdom)



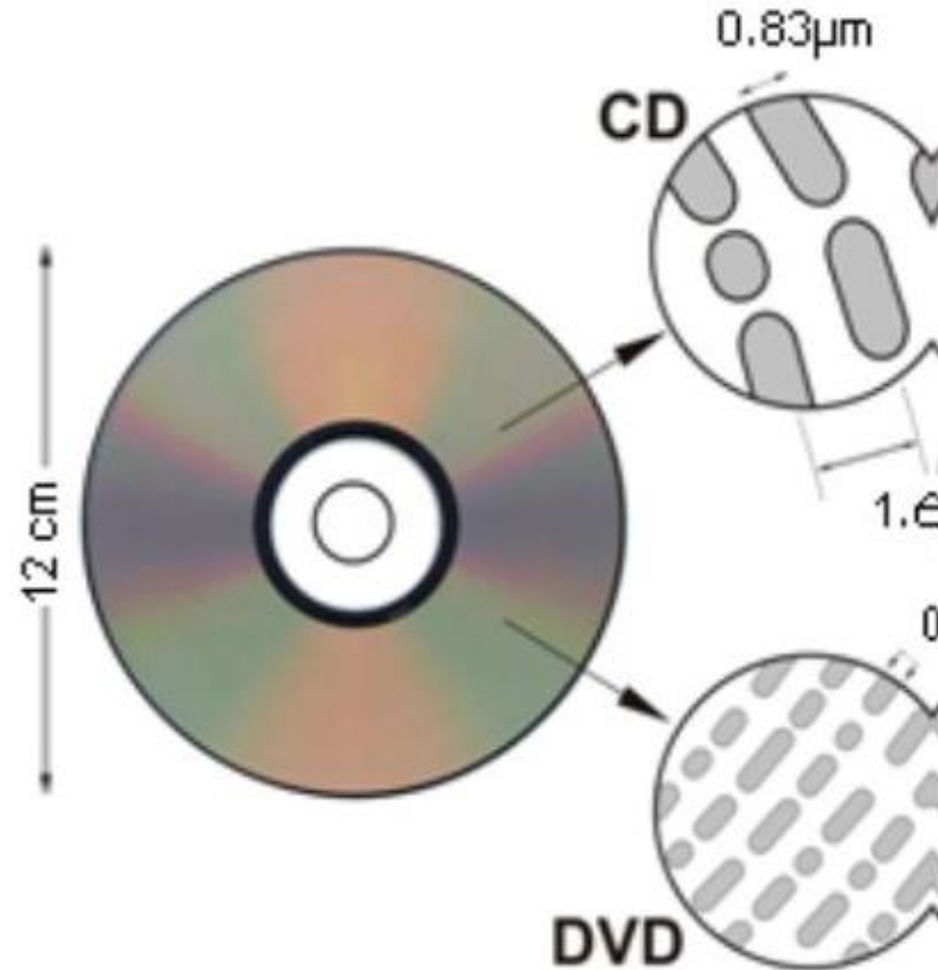
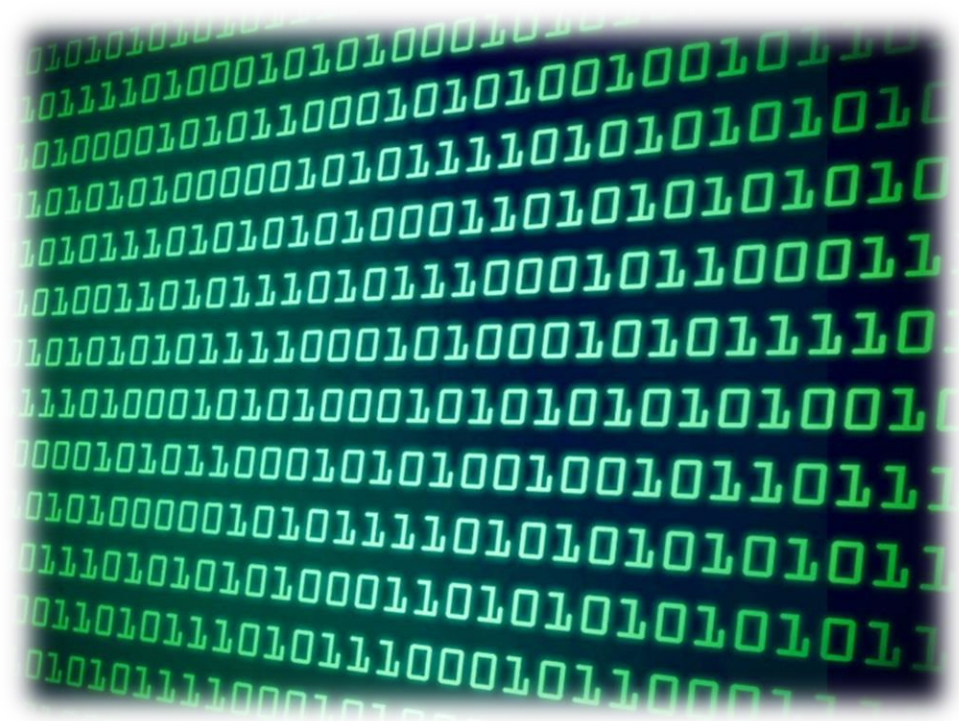
Verinin Hafızada Tutulması

100



Verinin Hafızada Tutulması

1000001



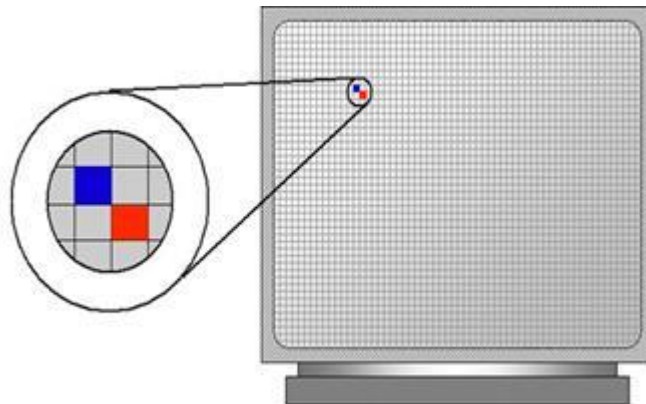
Verinin Tipi

01000001

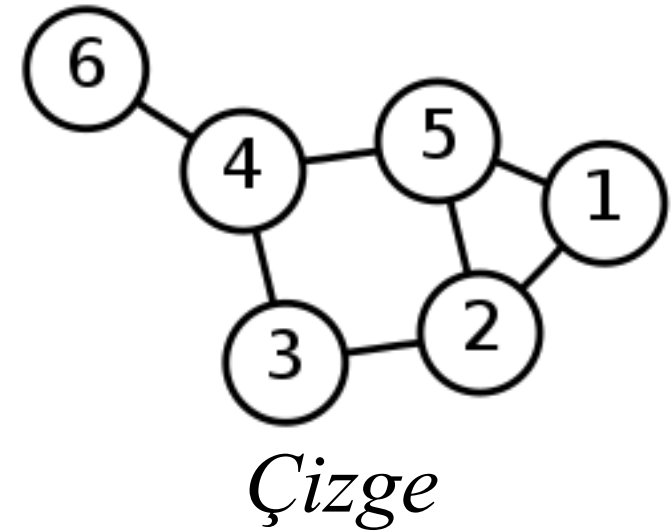
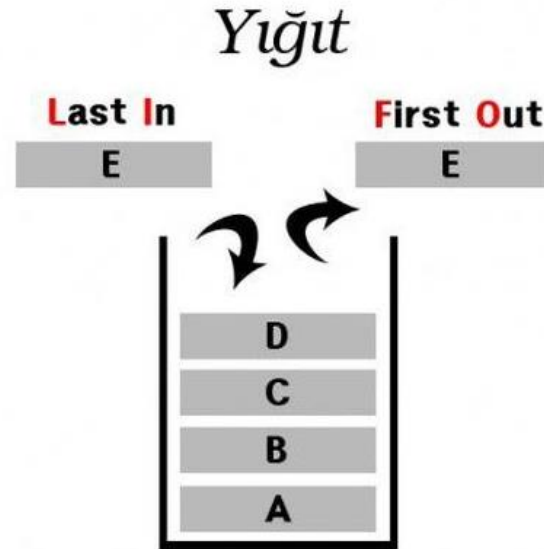
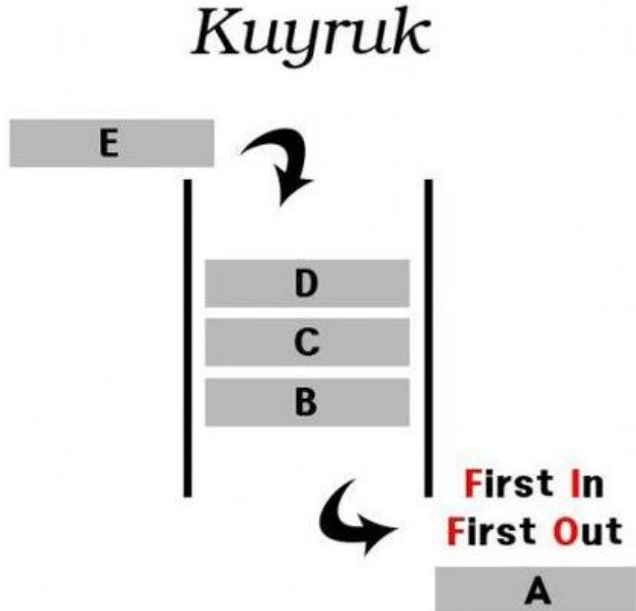
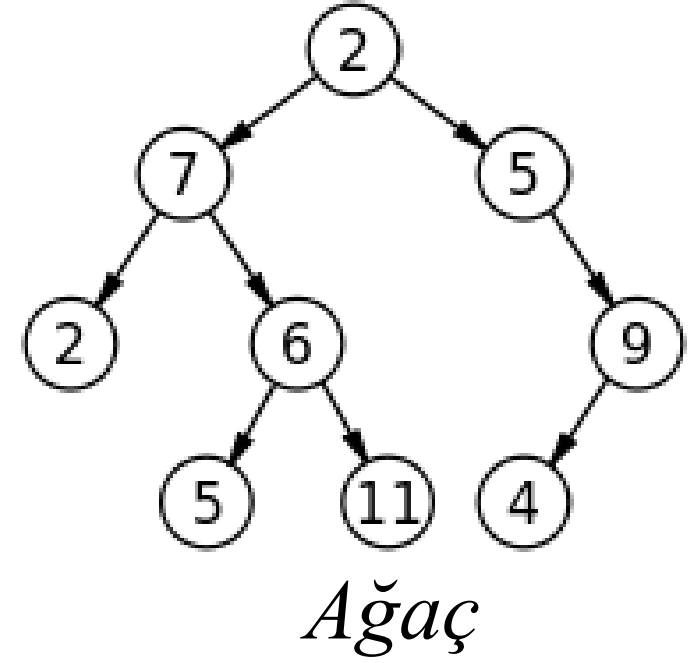
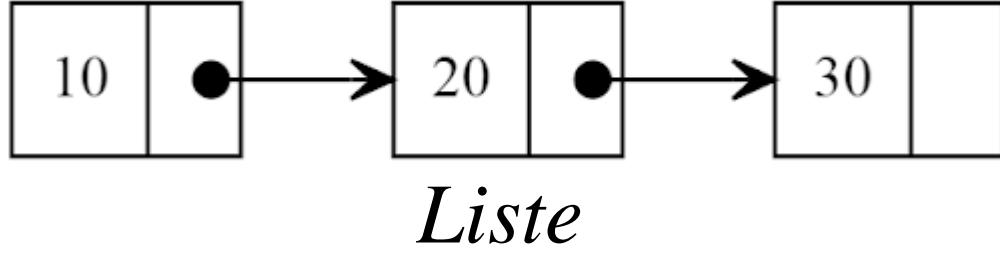
65

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41



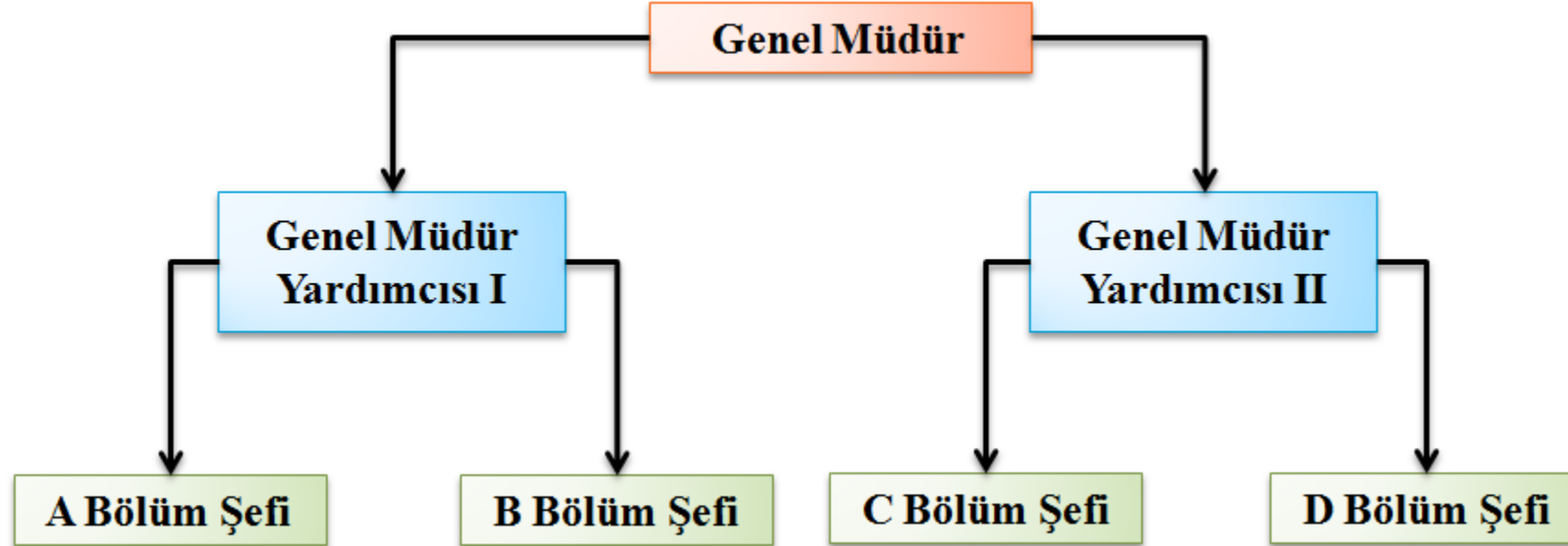
Veri Yapısı



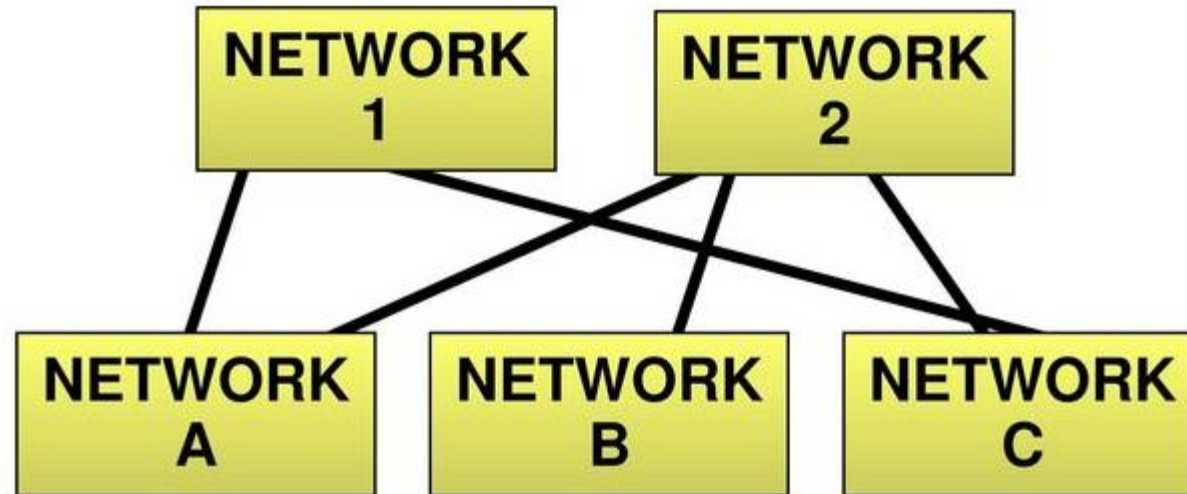
Veri Modelleri

- Sıradüzensel Veri Modeli (Hiyerarşik Veri Modeli)
- Ağ Veri Modeli
- İlişkisel Veri Modeli
- Nesne Yönelik Veri Modeli

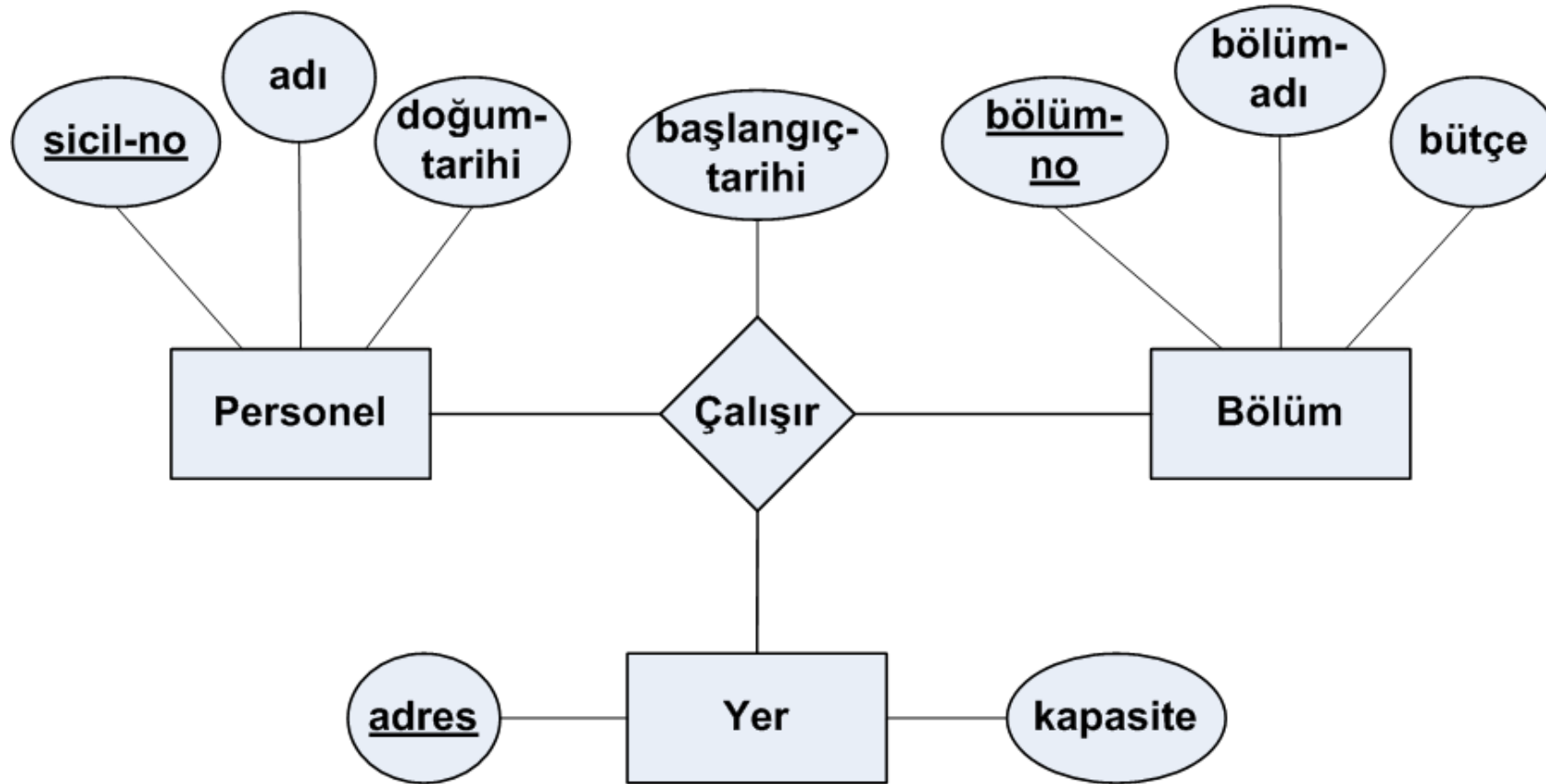
Sıradüzensel Veri Modeli



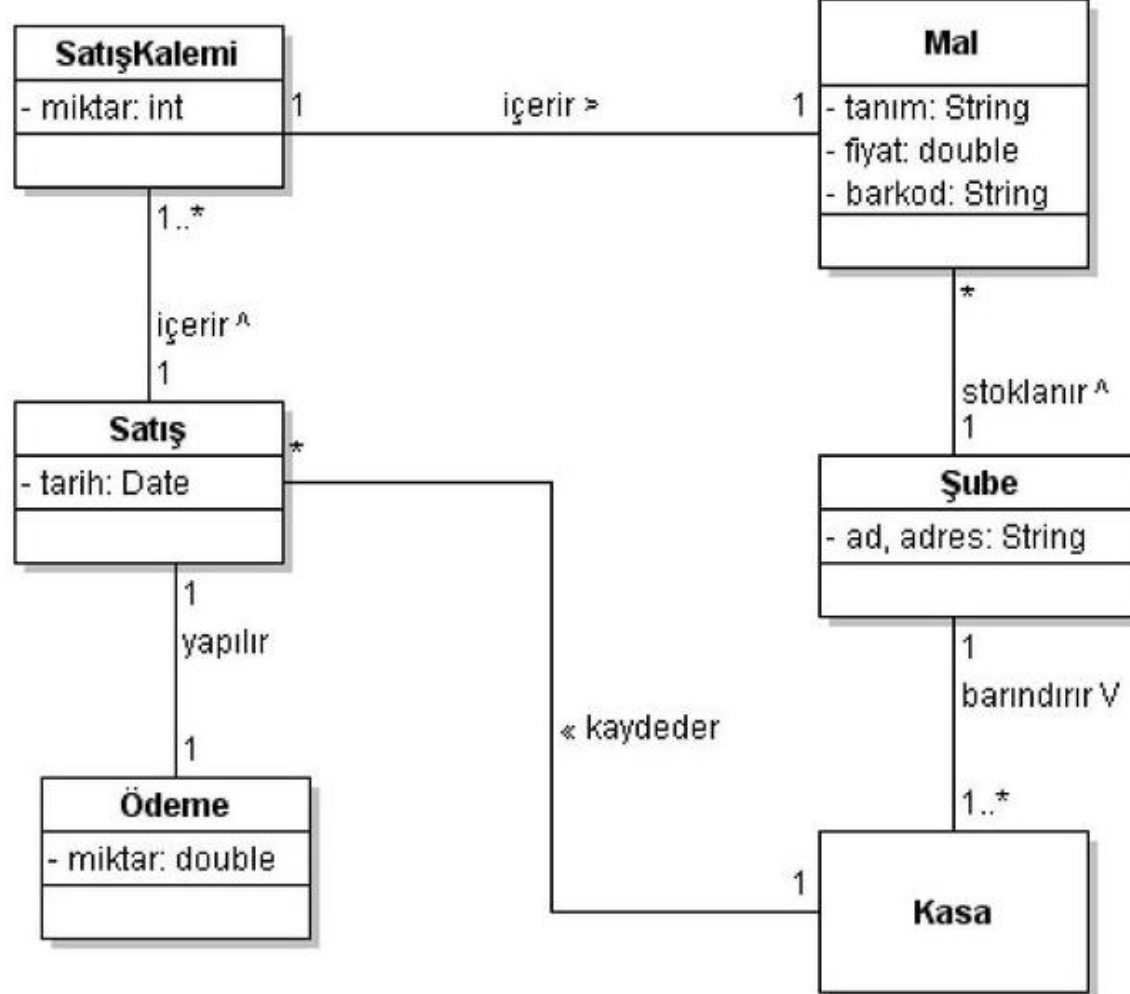
Ağ Veri Modeli



İlişkisel Veri Modeli

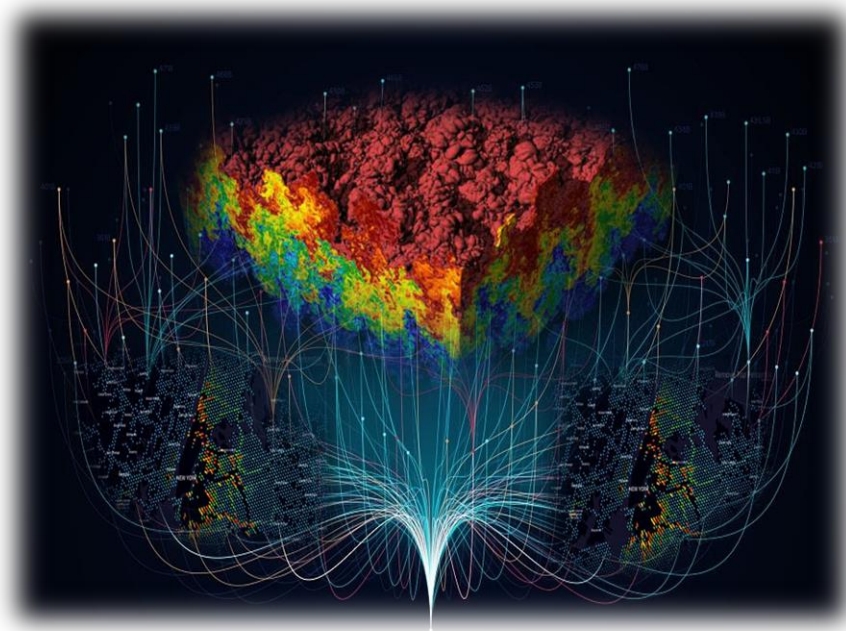


Nesne Yönelik Veri Modeli

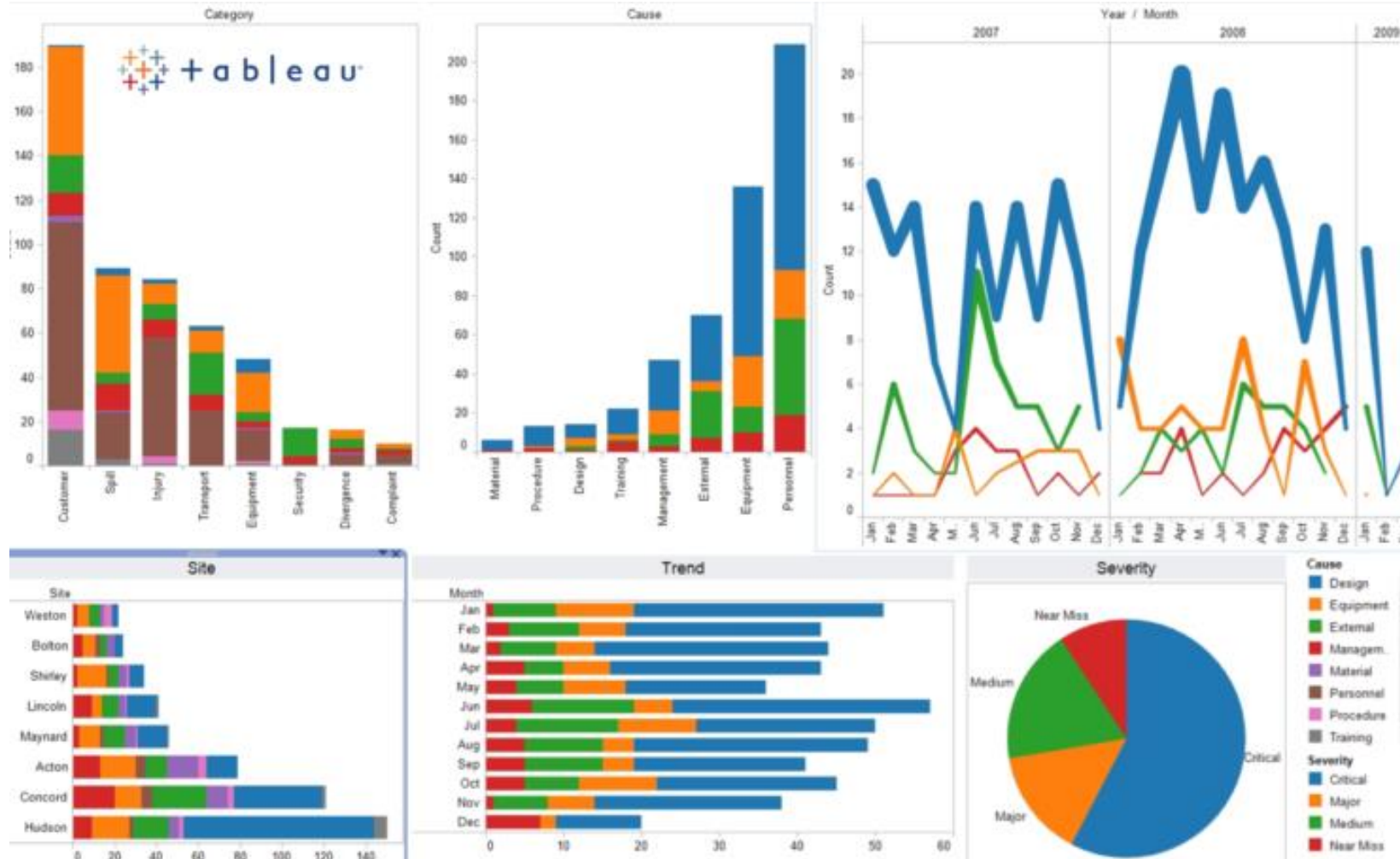


Veri Grselleřtirme

Verilerin, grafiksel izelgeler, řekiller ve stunlar aracılıęıyla bilgilerin sunumudur.

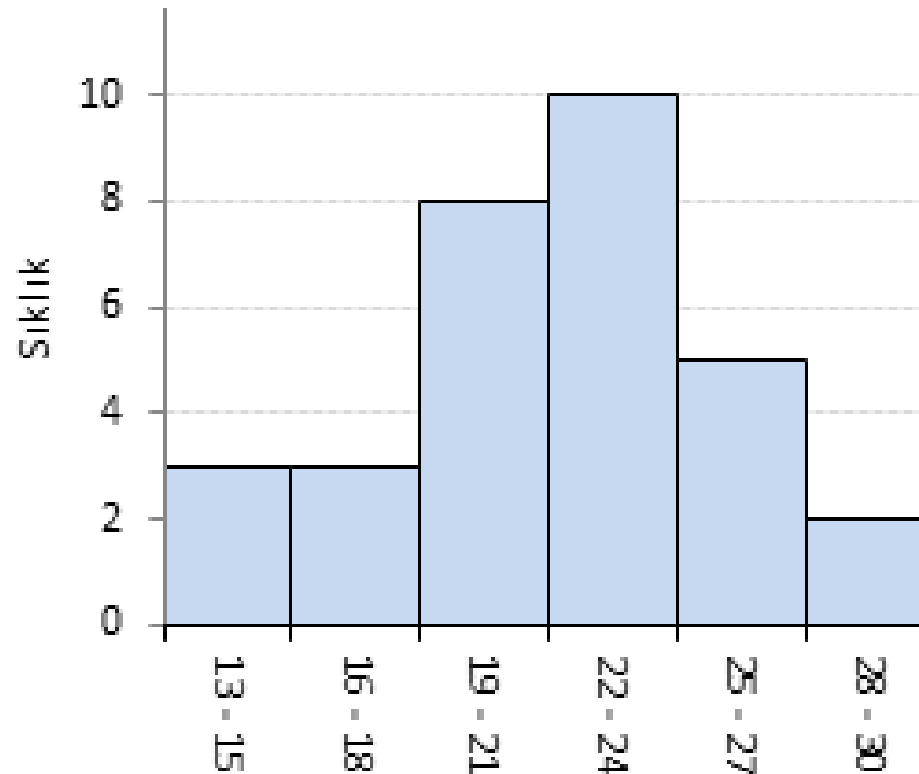


Veri Görselleştirme



Veri Görselleştirme (Örnek)

- 28, 13, 19, 15, 14, 21, 17, 21, 16, 18, 20, 20, 19, 19, 21, 22, 22, 22, 23, 23, 23, 24, 24, 24, 24, 26, 25, 27, 28



Veri Görselleştirme (Örnek)



Veri Analizi

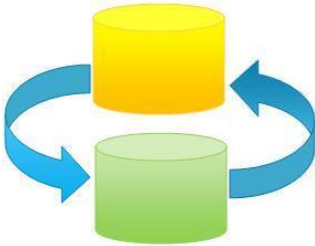
Verileri inceleme



Temizleme



Dönüştürme



Modelleme



Veri Analizi



İstatiksel Yöntemler



Veri Madenciliği

B y k Veri



Büyük Veri



VISCOSITY



VELOCITY



VERACITY



VARIABILITY



VOLUME



VARIETY



VALUE



VISUALIZATION