

Predicting Startup Funding Success

Outline

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Non-technical Overview

- Startups face challenges in securing funds.
- Investors struggle to identify promising startups.
- Aim: Predict funding success using data science.

Vision Using Data Science

- Develop a predictive model for funding success.
- Analyze features like founders, industry, market conditions.
- Help investors make informed decisions.

Potential Impact

- Provide investors with valuable insights.
- Reduce investment risks.
- Help promising startups secure funds.
- Foster innovation and economic growth.

Dataset Introduction and EDA Findings

- **Datasets:**
 - Investments Data
 - People Data
 - Offices Data
 - Degrees Data
 - Relationships Data
 - Funding Rounds Data
- **Data quality concerns:** Missing values, inconsistencies.
- **Key EDA insights:** Factors influencing funding success (**Funding Type: Series A**) significant predictors.

Next Steps

1. Data Cleaning: Address data quality issues.
2. Feature Engineering: Create new predictive features.
3. Baseline Modeling: Establish performance benchmarks.
4. Model Tuning: Optimize for accuracy.
5. Validation: Ensure model generalizability.