Predicting Startup Funding Success

- 1. Non-technical Overview
- 2. Vision Using Data Science
- 3. Potential Impact
- 4. Dataset Introduction and EDA Findings
- 5. Next Steps

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.