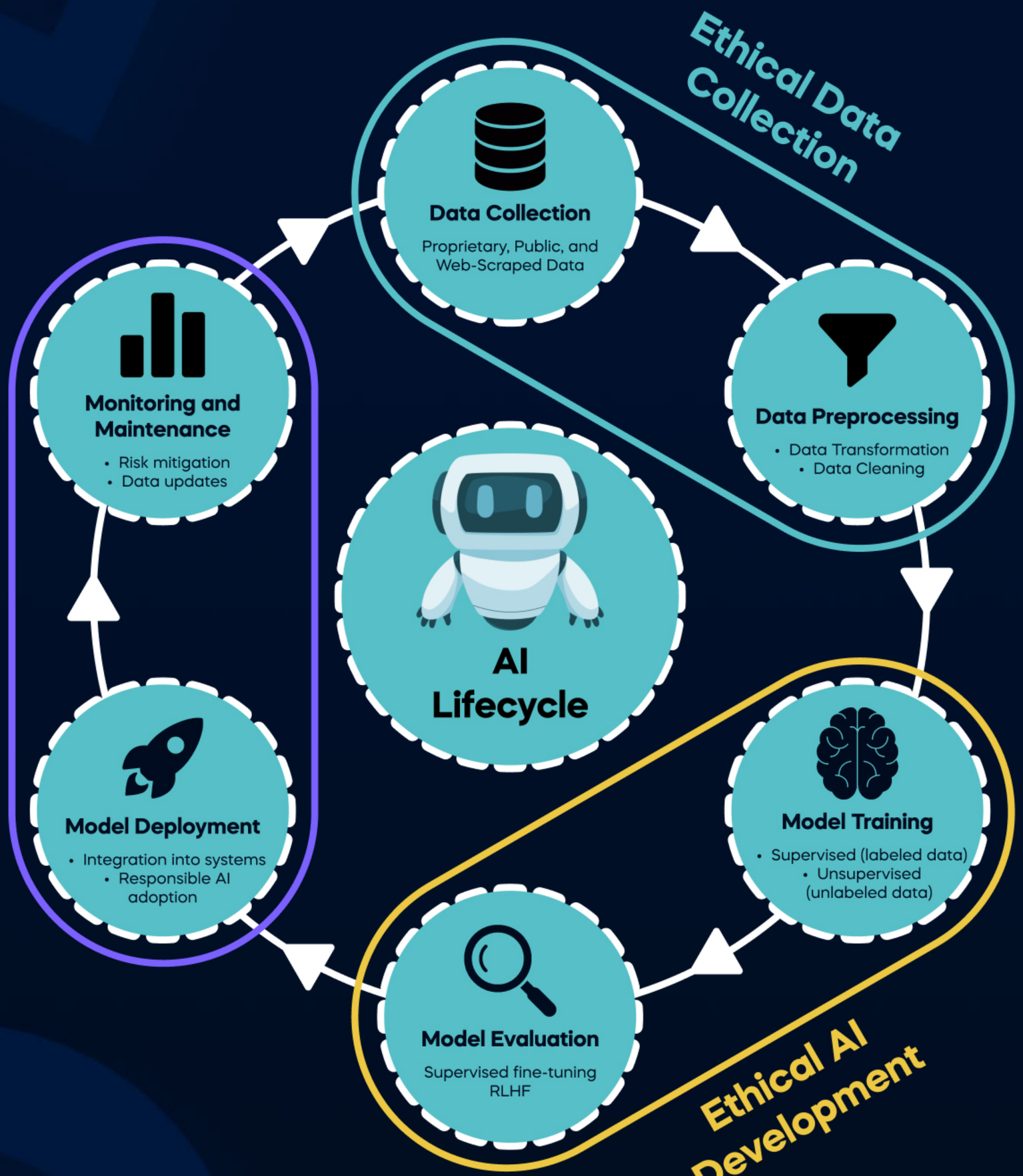
365 DataScience

AI LIFECYCLE

Responsible AI Development



AI ETHICS

Main Principles:

- **Transparency**
- **Accountability**
- **Fairness**
- **Privacy**

Ethical Data Collection

- **Data Collection**
  - Setting goals
  - Ethical data sourcing
- **Data Preprocessing**
  - Data cleaning
  - Normalization

Ethical AI Development

- **Model Training**
  - Selecting algorithms
  - Splitting data
- **Model Evaluation**
  - Testing with relevant metrics
  - Incorporating ethical principles

Ethical AI Deployment

- **Model Deployment**
  - Enabling user feedback
  - Integrating models into systems
- **Monitoring and Maintenance**
  - Tracking performance
  - Ensuring compliance with regulations