![Analytics Vidhya logo](Analytics Vidhya)

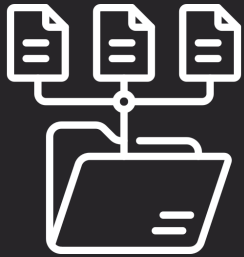# Deployment & Wrap-Up

Packaging the Application

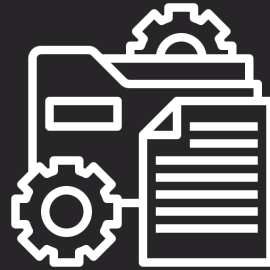Nitin Agarwal

Principal Data Scientist

Ex-Microsoft

Packaging the Application

Organized Folder Structure

- Separate UI, agents, Tools, Configurations, and utilities
- Maintain modularity and readability

Dependency & Configuration Management

- Define dependencies in **requirements.txt**
- Use .env files/environment variables for API keys and config

Logging & Error Handling

- Add centralized logging for debugging and monitoring
- Implement graceful error handling with clear feedback to users

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Hands-On