**EXE Installer (Most Detailed)**

**Step 1: Analyze EXE**

1. Copy EXE to VM.
2. Run EXE manually → note:
   * Installation path
   * Registry entries
   * Shortcuts created
   * Services or processes installed
3. Uninstall EXE → check clean removal.
4. Document findings.

📸 Screenshot: Installed EXE + shortcut + folder structure.

**Step 2: Repackage EXE → MSI**

1. Open **AdminStudio / InstallShield → Repackager / Installation Capture**.
2. Start **monitoring** → run EXE installation.
3. Finish installation → AdminStudio captures all changes.
4. Generate MSI → save with appropriate name.
5. Test MSI installation → verify files, registry, and shortcuts.
6. Test MSI uninstallation.

📸 Screenshot: MSI created + installed + uninstalled successfully.

**Step 3: Apply MST Transform (Customization)**

1. Open MSI in **InstallShield or ORCA**.
2. Create **New Transform (MST)**.
3. Customize:
   * Change installation folder (C:\CompanyApp)
   * Remove unwanted shortcuts
   * Add license or company info
   * Configure registry entries if needed
4. Save MST → test install:
5. msiexec /i MyApp.msi TRANSFORMS=MyApp.mst /qb
6. Verify all customizations applied.

📸 Screenshot: MST applied + verification.

**Step 4: PSADT Deployment**

1. Copy **Deploy-Application.ps1** template from PSADT toolkit.
2. Edit script:
   * Set $appName, $appVendor
   * Add $installArgs → MSI + MST
   * Pre-checks (close apps, check OS version)
   * Logging path
3. Test script:
4. .\Deploy-Application.ps1 -DeploymentType Install
5. Verify successful install and logs created.

📸 Screenshot: PSADT script running + MSI installed.

**Step 5: Virtualize Application (Optional)**

1. Open **MSIX Packaging Tool** → create new package from MSI.
2. Include MST customizations if needed.
3. Save MSIX.
4. Test MSIX installation → verify app runs.
5. Test uninstallation.

📸 Screenshot: MSIX installed + working.

**Step 6: Compatibility Testing**

1. Install MSI + MST + MSIX + PSADT deployment on:
   * Windows 10 x64
   * Windows 11 x64
2. Verify installation, app functionality, and uninstallation.
3. Note any issues and fixes.

📸 Screenshot: App running on both OS versions.

**Step 7: Deploy via SCCM / Intune**

**SCCM Deployment:**

1. Open SCCM → Software Library → Applications → Create Application.
2. Choose **Script Installer** → PSADT Deploy-Application.ps1.
3. Configure detection method.
4. Distribute content → Distribution Point.
5. Deploy to test devices.
6. Verify installation on client.

**Intune Deployment:**

1. Add app → Line-of-Business → upload PSADT-wrapped MSI/MSIX.
2. Assign to user/device group.
3. Sync client → verify install.

📸 Screenshot: Deployment console + installed app.

**Workflow 2: MSI Installer (Medium Effort)**

**Step 1: Analyze MSI**

1. Copy MSI to VM.
2. Test installation → check folder, shortcuts, registry, services.
3. Test uninstallation → verify clean removal.
4. Document findings.

📸 Screenshot: MSI installed + verified.

**Step 2: Apply MST Transform**

1. Open MSI → create **MST transform**.
2. Customize: paths, shortcuts, registry, license info.
3. Test MST install:
4. msiexec /i MyApp.msi TRANSFORMS=MyApp.mst /qb
5. Verify changes applied.

📸 Screenshot: MST applied + verified.

**Step 3: PSADT Deployment**

* Wrap MSI + MST in PSADT script.
* Add pre-checks, logging, and install arguments.
* Test script installation on VM.

📸 Screenshot: PSADT script running + installation successful.

**Step 4: Virtualization**

* Convert MSI → MSIX using **MSIX Packaging Tool** (optional).
* Test MSIX installation/uninstallation.

📸 Screenshot: MSIX installed + verified.

**Step 5: Compatibility Testing**

* Test MSI + MST + PSADT (and MSIX if virtualized) on Windows 10 & 11.

📸 Screenshot: App running on both OS versions.

**Step 6: Deploy via SCCM / Intune**

* Deploy PSADT-wrapped MSI/MSIX via SCCM or Intune.
* Verify installation on test machines.

📸 Screenshot: Deployment logs + app working.

**Workflow 3: MSIX Installer (Easiest)**

**Step 1: Analyze MSIX**

1. Copy MSIX to VM.
2. Test installation → verify app works.
3. Test uninstallation → verify clean removal.

📸 Screenshot: MSIX installed + working.

**Step 2: PSADT Deployment (Optional)**

1. Wrap MSIX in PSADT script for deployment automation.
2. Test script installation.

📸 Screenshot: PSADT script + MSIX installed.

**Step 3: Compatibility Testing**

* Install MSIX (or PSADT-wrapped MSIX) on Windows 10 & 11 VMs.

📸 Screenshot: App running on both OS versions.

**Step 4: Deploy via SCCM / Intune**

* Upload MSIX (or PSADT wrapper) to SCCM / Intune.
* Assign to test devices/users.
* Verify installation.

📸 Screenshot: Deployment console + installed app.

**Step 8: Documentation & Deliverables (All Types)**

1. Gather screenshots for all steps.
2. Write **step-by-step report**: tools, commands, issues, fixes, results.
3. Prepare **PowerPoint slides** (8–10 slides) with:
   * Objective
   * Tools used
   * Step flow (EXE/MSI/MSIX workflow)
   * Screenshots
   * Results & conclusion