Dynatrace Notebooks – Detailed Notes with Hands-on Steps

# 1. What Are Notebooks?

Dynatrace Notebooks are interactive, document-style dashboards for exploratory analytics powered by Grail. They allow you to mix DQL query sections, markdown, AI-generated queries via Davis CoPilot, and even code snippets.

# 2. Getting Started

1. Open the Notebooks app in Dynatrace.  
2. Launch the 'Getting started' notebook from the Ready-made templates.  
3. Duplicate or save a copy to begin editing.  
4. Pin to Dock for quick access.

# 3. Creating Notebook Sections

a) DQL Section:  
- Add > DQL > Enter your DQL query > Run.  
- Choose visualizations (table, chart, time-series).  
  
b) Davis CoPilot (AI-powered):  
- Add > Query with AI > Use natural language prompt > Run.  
- Copy DQL into a new section if needed.  
  
c) Explore Section:  
- Add > Explore > Choose data type (logs, metrics, problems).  
  
d) Markdown & Code:  
- Add Markdown for annotations.  
- Add Code (e.g., Python snippets) and Run.

# 4. Editing & Managing Sections

- Reorder, duplicate, or delete sections.  
- Download results as CSV/JSON.  
- Show/hide inputs or results from section options.

# 5. Smart Use: Snippets & Templates

- Use built-in snippets like 'Fetch logs'.  
- Use Ready-made notebooks (security, SLOs, troubleshooting) as templates.

# 6. Collaboration & Sharing

- Use 'Save as new' to retain changes.  
- Share using permissions or links.  
- Export/import JSON.  
- Print/export to PDF with formatting options.

# 7. Advanced Analysis with Davis AI

1. Add Metrics section (e.g., CPU usage).  
2. Enable Davis AI > Choose analyzer (anomaly/forecast).  
3. Tune settings and visualize trendlines, anomalies, etc.

# 8. Example Workflow (Hands-On)

1. Create a new notebook.  
2. Add AI-powered DQL section with: 'HTTP 5xx errors per service over last 6h'.  
3. Copy and paste into manual DQL section.  
4. Visualize time-series.  
5. Add Markdown for explanation.  
6. Add Logs Explore for root cause.  
7. Enable Davis forecast for error trends.  
8. Save and share or export as JSON.

# Summary

Dynatrace Notebooks empower users with:  
- AI-driven queries and natural language prompts.  
- Rich visualizations and markdown narration.  
- Reusable templates and collaboration.  
- Forecasting and anomaly detection via Davis AI.  
Ideal for troubleshooting, observability, and security analytics.