API Errors, Pagination, Retries

- Handling 4xx/5xx cleanly

- Backoff strategies

- Pagination patterns

Errors

- Always `raise_for_status()`
- Parse error bodies for details
- Map to actionable logs

Backoff

- Exponential (e.g., 0.5, 1, 2, 4s)

- Jitter to avoid thundering herd

- Max attempts and total time

Pagination

- Link headers or `next` fields
- Accumulate pages with limits
- Validate item counts

Rate Limiting

- Respect `Retry-After`
- Use request IDs in logs