```
ython 3.13.5 (tags/v3.13.5:6cb20a2, Jun 11 2025, 16:15:46) [MSC v.1943 64 bit (AMD64)] on win32
nter "help" below or click "Help" above for more information.

== RESTART: C:/Users/Lenovo/AppData/Local/Programs/Python/Python313/tracker.py =
2025-11-22 18:41:34,578 - INFO - Application started
Welcome to Deadline Tracker!


========================================
    DEADLINE TRACKER
========================================
1. Notes Management
2. Assignment Management
3. ML Analytics
4. View All Data
0. Exit
========================================
Enter choice: 1

--- Notes ---
1. Create Note
2. View Notes
3. Back
Choice: 1
Title: Study Plan for Finals
Content: Review chapters 1-5, practice problems, group study on Friday
Priority (low/medium/high) [medium]: high
Tags (comma separated): study,exams,important
2025-11-22 18:51:24,690 - INFO - Created note with ID: 1
✓ Note created (ID: 1)

--- Notes ---
1. Create Note
2. View Notes
3. Back
Choice: 1
Title: Project Meeting Notes
Content: Discuss UI design, assign tasks, set deadlines
Priority (low/medium/high) [medium]: medium
Tags (comma separated): project,meeting,teamwork
2025-11-22 18:52:55,739 - INFO - Created note with ID: 2
✓ Note created (ID: 2)
```

✓ Note created (ID: 2)

--- Notes ---
1. Create Note
2. View Notes
3. Back
Choice: 2

--- Notes (2 total) ---
ID: 1 | Study Plan for Finals | high
Created: 2025-11-22 18:51
Tags: study, exams, important

ID: 2 | Project Meeting Notes | medium
Created: 2025-11-22 18:52
Tags: project, meeting, teamwork

--- Notes ---
1. Create Note
2. View Notes
3. Back
Choice: 3

==
    DEADLINE TRACKER
==
1. Notes Management
2. Assignment Management
3. ML Analytics
4. View All Data
0. Exit
==
Enter choice: 2

--- Assignments ---
1. Create Assignment
2. View Assignments
3. Mark Complete
4. Back
Choice: 1
Title: Math Homework - Calculus

```
-- Assignments ---
. Create Assignment
. View Assignments
. Mark Complete
. Back
Choice: 1
Title: Math Homework - Calculus
Due date (YYYY-MM-DD): 2025-11-25
Description: Solve integration problems from chapter 7
Subject (math/science/computer_science/other) [other]: math
Priority (1-10) [5]: 8
Estimated hours [1.0]: 3.0
2025-11-22 19:09:03,302 - INFO - Created assignment with ID: 1
✓ Assignment created (ID: 1)

--- Assignments ---
1. Create Assignment
2. View Assignments
3. Mark Complete
4. Back
Choice: 1
Title: Science Lab Report
Due date (YYYY-MM-DD): 2025-11-30
Description: Write lab report on chemical reactions
Subject (math/science/computer_science/other) [other]: science
Priority (1-10) [5]: 6
Estimated hours [1.0]: 2.5
2025-11-22 19:10:23,461 - INFO - Created assignment with ID: 2
✓ Assignment created (ID: 2)

--- Assignments ---
1. Create Assignment
2. View Assignments
3. Mark Complete
4. Back
Choice: 1
Title: programming project
Due date (YYYY-MM-DD): 2025-11-23
Description: Build Python application with GUI
Subject (math/science/computer_science/other) [other]: computer_science
Priority (1-10) [5]: 9
Estimated hours [1.0]: 5.0
```

```
-- Assignments ---
. Create Assignment
. View Assignments
. Mark Complete
. Back
Choice: 1
Title: programming project
Due date (YYYY-MM-DD): 2025-11-23
Description: Build Python application with GUI
Subject (math/science/computer_science/other) [other]: computer_science
Priority (1-10) [5]: 9
Estimated hours [1.0]: 5.0
2025-11-22 19:11:43,504 - INFO - Created assignment with ID: 3
✓ Assignment created (ID: 3)

--- Assignments ---
1. Create Assignment
2. View Assignments
3. Mark Complete
4. Back
Choice: 1
Title: History Essay
Due date (YYYY-MM-DD): 2025-12-05
Description:  Write essay on World War II causes
Subject (math/science/computer_science/other) [other]: other
Priority (1-10) [5]: 4
Estimated hours [1.0]: 4.0
2025-11-22 19:12:33,813 - INFO - Created assignment with ID: 4
✓ Assignment created (ID: 4)

--- Assignments ---
1. Create Assignment
2. View Assignments
3. Mark Complete
4. Back
Choice: 2

--- Assignments (4 total) ---
o ID: 1 | Math Homework - Calculus
   Due: 2025-11-25 | Priority: 8/10
    Status: not_started | Hours: 3.0
   --------------------------------------------
```

```
hoice: 2

-- Assignments (4 total) ---
 ID: 1 | Math Homework - Calculus
    Due: 2025-11-25 | Priority: 8/10
    Status: not_started | Hours: 3.0
-------------------------------------
 ID: 2 | Science Lab Report
    Due: 2025-11-30 | Priority: 6/10
    Status: not_started | Hours: 2.5
-------------------------------------
 ID: 3 | programming project
    Due: 2025-11-23 | Priority: 9/10
    Status: not_started | Hours: 5.0
-------------------------------------
 ID: 4 | History Essay
    Due: 2025-12-05 | Priority: 4/10
    Status: not_started | Hours: 4.0
-------------------------------------

--- Assignments ---
1. Create Assignment
2. View Assignments
3. Mark Complete
4. Back
Choice: 3
Assignment ID to mark complete: 1
✓ Assignment marked as completed

--- Assignments ---
1. Create Assignment
2. View Assignments
3. Mark Complete
4. Back
Choice: 4

=========================================
     DEADLINE TRACKER
=========================================
1. Notes Management
2. Assignment Management
3. ML Analytics
```

```
==========================================
    DEADLINE TRACKER
==========================================
1. Notes Management
2. Assignment Management
3. ML Analytics
4. View All Data
0. Exit
==========================================
Enter choice: 3

--- ML Analytics (3 pending assignments) ---

Risk Analysis:
◯ Science Lab Report: medium (score: 0.39)
◉ programming project: high (score: 0.81)
◉ History Essay: low (score: 0.20)

Recommended Work Schedule:
1. programming project: 3.0h (risk: high)
2. Science Lab Report: 1.5h (risk: medium)
3. History Essay: 2.4h (risk: low)


==========================================
    DEADLINE TRACKER
==========================================
1. Notes Management
2. Assignment Management
3. ML Analytics
4. View All Data
0. Exit
==========================================
Enter choice: 4

--- All Data Summary ---
Notes: 4
Assignments: 4
Completed assignments: 1
Pending assignments: 3
Total estimated work: 11.5 hours
```

```
--- ML Analytics (3 pending assignments) ---

Risk Analysis:
○ Science Lab Report: medium (score: 0.39)
● programming project: high (score: 0.81)
◉ History Essay: low (score: 0.20)

Recommended Work Schedule:
1. programming project: 3.0h (risk: high)
2. Science Lab Report: 1.5h (risk: medium)
3. History Essay: 2.4h (risk: low)


========================================
     DEADLINE TRACKER
========================================
1. Notes Management
2. Assignment Management
3. ML Analytics
4. View All Data
0. Exit
========================================
Enter choice: 4

--- All Data Summary ---
Notes: 4
Assignments: 4
Completed assignments: 1
Pending assignments: 3
Total estimated work: 11.5 hours


========================================
     DEADLINE TRACKER
========================================
1. Notes Management
2. Assignment Management
3. ML Analytics
4. View All Data
0. Exit
========================================
Enter choice: 0
Goodbye!
>>>
```