



basic rules.txt
9 lines

domicile work.txt
9 lines

holidays.txt
17 lines

NYS tax rules.txt
22 lines

RSUs.txt
11 lines

sick days.txt
5 lines

spreadsheet spec.txt
14 lines

travel rules.txt
33 lines

vacation.txt
31 lines

work from home.txt
24 lines

work travel.txt
55 lines

workday agent.txt
18 lines

run workday agent

Read the XLSX skill >

- Read the XLSX skill

Done

This is a complex task. Let me carefully process all the data and build the spreadsheet step by step.

Ran 4 commands >

- Check available scripts

Script
- Find recalc script

Script
- Copy scripts

Script
- Copy office scripts

Script

✓ Done

Now let me carefully analyze all the data to build the spreadsheet. This is complex - I need to:

- 1. Calculate all holidays for 2023-2026
- 2. Process vacation, work travel, work from home lists
- 3. Determine each day's classification
- 4. Handle RSU periods

Created a file, ran a command >

 Python script to build the workday spreadsheet

build_spreadsheet.py


 Test the data processing logic

Script


✓ Done

Good - all weekdays have exactly one category. Now let me build the Excel spreadsheet:

Created a file, ran a command >

 Build the Excel spreadsheet with all sheets

make_xlsx.py


 Run the spreadsheet builder

Script

✓ Done

Now let me review the NYS travel days to verify they're correct:

Check specific travel days >

 Check specific travel days

Script

✓ Done

I see issues: 9/14/24 (arrive EWR) and 1/20/25, 1/26/25, 10/20/24 (depart from EWR) are not being classified. Let me check those:

Check problem dates >

 Check problem dates

Script

✓ Done

Good - 9/14 is a Saturday, 10/20 is a Sunday, 1/26 is a Sunday, 2/15 is a Saturday - those are weekends, correct! 1/20/25 is MLK Day (holiday), also correct. The verification is passing. Now let me run recalc and copy to outputs:

Ran 2 commands, read a file >

 Recalculate Excel formulas

Script

 Copy to outputs

Script

 Presented file

 Done


Here's your workday tracker spreadsheet. Here's what was built:

3 Sheets:

- 1. **Summary** (leftmost) — One row per RSU block (Block1-4, all grant date 1/23/23, vests 2/20-11/20/25). Columns with `SUM()` formulas pulling from Daily Log for: NYS workdays, Non-NYS workdays, WFH, weekends, holidays, vacations, sick days, total days, and a check column verifying the sum equals total days. Includes a separate row summing NYS workdays after the WA move (2/15/25-12/31/25) for wage tax without withholding.
- 2. **Daily Log** — Every day from 1/1/23 through 2/22/26 with: date, abbreviated day name, day info (travel route, holiday name, or location), bold **1** in color-coded columns for: NYS workday (light blue), non-NYS workday (light yellow), WFH (light pink), weekend (light gray), vacation (light orange), holiday (light green), sick (gray). RSU period cells highlighted in green. Zero formula errors.
- 3. **Travel Log** — Single-leg travel log with mode, from, travel start date/time, depart time, to, arrive date/time, travel end time, purpose.


Key classifications verified:

- Travel days with NYS departures/arrivals checked against the 10am-4pm reduced workday window (depart-3h / arrive+2h buffer) — 4 NYS travel days found
- WFH trips in SEA/SFO all correctly marked non-NYS workdays
- All weekdays have exactly **one** category (NYS workday, non-NYS workday, holiday, vacation, or sick) — 0 verification issues



Workday tracker

Spreadsheet · XLSX



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Let me check that day's details:

Diagnose 9/13/24 classification >

⌵ Diagnose 9/13/24 classification

Script

✓ Done

The bug is clear: the flight departs SNA on 9/13 and arrives EWR on **9/14**. The code was counting EWR as a NYS location for the departure date (9/13), but the arrival is the next day. Need to only count arrival-in-NYS when `arrive_date == depart_date` (same-day flight).

Ran 10 commands, edited a file >

✎ Fix: only count arriving-in-NYS for same-day flights

make_xlsx.py +33 -27

⌵ Run and check NYS travel days

Script

⌵ Run and see output

Script

⌵ Check NYS travel days now

Script

⌵ Check output

Script

⌵ Check which 3 NYS travel days remain

Script

⌵ check nys travel count

Script

⌵ Get full NYS travel list

Script

⌵ Check full output file

Script

 Find the 3 NYS travel days

Script

 Get the 3 NYS travel days and confirm 9/13 fix

Script

 Done

9/13/24 is now correctly **non-NYS**. The fix worked. Now recalculating and saving:

Ran a command, read a file >

 Recalculate and copy to outputs

Script

 Presented file

 Done

Fixed. The root bug: the code was seeing the destination EWR as a NYS location and marking 9/13 as a NYS workday — but the flight from SNA departed at 9pm and didn't arrive in NYC until 5:12am the **next morning** (9/14). The fix ensures that arriving-in-NYS only qualifies as a NYS workday if the arrival is on the **same calendar day** as departure. Overnight flights to NYS don't count.

The 3 remaining NYS travel days are all valid departures **from** JFK/EWR in the morning with enough time to work before the airport check-in window:

- 11/8/23 JFK→SFO (departs 8:09pm — travel starts 5:09pm, ~7 hrs of NYS work time)
- 11/8/24 JFK→SFO (departs 4:10pm — travel starts 1:10pm, ~3 hrs of NYS work time)
- 7/30/25 EWR→PDX (departs 4:12pm — travel starts 1:12pm, ~3 hrs of NYS work time)



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