



Claude

Formatting
may be
inconsistent
from source

workday agent.txt 18 lines	work travel.txt 55 lines	work from home.txt 24 lines	vacation.txt 31 lines	travel rules.txt 33 lines
spreadsheet spec.txt 15 lines	sick days.txt 5 lines	holidays.txt 17 lines	domicile work.txt 9 lines	basic rules.txt 10 lines
RSUs.txt 11 lines			NYS tax rules.txt 23 lines	

run workday agent

Check available skills >

Check available skills

Done

This is a complex task. Let me build the spreadsheet step by step. I'll start by creating a comprehensive Python script to generate the Excel workbook.

Ran 3 commands >

Check available resources

Script

Check for recalc script

Script

Copy scripts to working directory

Script

Done

Now let me create the main script to build the spreadsheet:

== Sp
readsh
eet Sp
ecific
ation

Make e
xcel s
preads
heet w
ith pe
rsiste
nt col
umn he
ader
Column
header
text c
an wra
p to a
llow n
arrowe
r colu
mns

Use di
fferen
t ligh
t colo
rs to
color
just t
he cel
l (not
the en
tire r
ow) wh
en it
is NYS
workda
y, non
-NYS w
orkda
y, vac
ation
day, h
oliday
day, w
ork fr
om hom
e day,
sick d
ay

During
RSU ve
sting
perio

Ran 2 commands, created a file >

- 📄 Main script to build the workday tracking spreadsheet
 - build_workday.py
- Run the build script
 - Script
- Recalculate formulas and check for errors
 - Script
- ☑ Done

d, col
or cel
l dark
green

Displa
y the
follow
ing in
day_in
fo col
umn

On
holida
y day,
displa
y name
of hol
iday

On
travel
day, d
isplay
depart
ure ->
destin
ation

Al
l othe
r days
displa
y actu
al loc
ation
for th
at day

No errors. Let me verify the content looks right by doing a quick sanity check on the data:

Verify spreadsheet content >

- Verify spreadsheet content
 - Script
- ☑ Done

I see the Check column shows -34 which means there's a discrepancy. The WFH days (34) are being counted in "Non-NYS Workday" column but also in the WFH column, causing double counting. Let me fix the check formula and also the data logic - WFH should be mutually exclusive. Let me review:

The issue: WFH days should only be in the WFH column OR Non-NYS column, not both. Looking at the spec: "non-NYS workday, work from home" are separate columns. WFH is a sub-type of non-NYS workday. The $\text{check} = \text{Total} - (\text{NYS} + \text{NonNYS} + \text{Weekend} + \text{Holiday} + \text{Vacation} + \text{Sick}) = -34$ because WFH is in NonNYS AND WFH column.

The check column should be: $\text{Total} - (\text{NYS} + \text{NonNYS} + \text{Weekend} + \text{Holiday} + \text{Vacation} + \text{Sick})$ where WFH is included in NonNYS. The WFH column is informational only, not a separate exclusive category. Let me fix:

Check WFH vs Non-NYS overlap >

- Check WFH vs Non-NYS overlap
 - Script
- ☑ Done

The WFH days are all counted in Non-NYS too. This is correct per the spec - WFH is just a marker/sub-indicator. The Check formula needs to account for this. The check should be: $\text{Total} = \text{NYS} + \text{NonNYS} + \text{Weekend} + \text{Holiday} + \text{Vacation} + \text{Sick}$ (WFH is additional info, not exclusive). Let me fix the check formula:

Ran 3 commands >

Fix check formulas in summary

Script

Recalculate formulas

Script

Check summary after fix

Script

Done

The check still shows large numbers - the total doesn't add up. This means there are many days that aren't classified. Let me investigate more deeply:

Count day types in daily log >

Count day types in daily log

Script

Done

All 1033 days are classified. The issue is the Check formula is wrong. Block1 has 760 total days, sum = $436+61+216+23+24 = 760$. Check = $760 - 760 = 0$, but it shows 182. Let me look at what's happening with the column mapping in the check formula:

The summary cols: A=Block, B=Grant, C=Vest, D=NYS(4), E=NonNYS(5), F=WFH(6), G=Weekend(7), H=Vacation(8), I=Holiday(9), J=Sick(10), K=Total(11), L=Check(12).

Check formula: $=K2 - (D2+E2+G2+I2+H2+J2)$ = $760 - (436+61+216+23+24+0) = 760 - 760 = 0$. But it shows 182?

The formula must be referencing wrong. Let me check:

Check actual formulas >

Check actual formulas

Script

Done

I see the problem! The summary formulas for columns F-I are referencing wrong daily log columns. The sum_cols ordering in the build script was wrong. Also the check formula has G (weekend in summary) which maps to column G in summary = SUM of Holiday from daily. Let me trace:

Summary cols: D=NYS, E=NonNYS, F=WFH, G=Weekend, H=Vacation, I=Holiday, J=Sick, K=Total

- D2 pulls Daily!D = NYS ✓
- E2 pulls Daily!E = Non-NYS ✓
- F2 pulls Daily!G = Weekend (wrong! should pull Daily!F=WFH)
- G2 pulls Daily!I = Holiday (wrong! should pull Daily!G=Weekend)
- H2 pulls Daily!H = Vacation ✓
- I2 pulls Daily!F = WFH (wrong! should pull Daily!I=Holiday)
- J2 pulls Daily!J = Sick ✓



Check formula: $K2 - (D2+E2+G2+I2+H2+J2) = \text{Total} - (\text{NYS} + \text{NonNYS} + \text{Weekend_wrong} + \text{WFH_wrong} + \text{Vacation} + \text{Sick})$ - so it's off.

The issue is the `sum_col` list ordering in my script. Let me fix all the SUM