

PIPELINE IO + CHAIN INFERENCE (STATIC, BEST-EFFORT)

SRC: C:\Data-LakeHouse\src

Scripts analyzed: 164

Dataflow edges (artifact links): 0

INFERRRED EXECUTION ORDER (best-effort):

1. [silver] \src\audit\audit\_harvest\_windows\_real.py
2. [silver] \src\audit\audit\_ml1\_curva\_shares.py
3. [silver] \src\features\build\_cap\_tallos\_real\_dia.py
4. [silver] \src\models\ml1\train\_ajuste\_poscosecha\_ml1.py
5. [silver] \src\models\ml1\train\_curva\_cdf\_dia.py
6. [silver] \src\models\ml1\train\_curva\_share\_dia.py
7. [silver] \src\models\ml1\train\_desp\_poscosecha\_ml1.py
8. [silver] \src\models\ml1\train\_dh\_poscosecha\_ml1.py
9. [silver] \src\models\ml1\train\_hidr\_poscosecha\_ml1.py
10. [silver] \src\silver\build\_dim\_clima\_bloque\_dia.py
11. [silver] \src\silver\build\_dim\_cosecha\_progress\_bloque\_fecha.py
12. [silver] \src\silver\build\_dim\_estado\_termico\_cultivo\_bloque\_fecha.py
13. [gold] \src\audit\audit\_mismatch\_tallos\_grado\_vs\_dia.py
14. [gold] \src\audit\audit\_ml1\_curva\_clipping\_impact.py
15. [gold] \src\features\build\_features\_cosecha\_bloque\_fecha.py
16. [gold] \src\features\build\_features\_curva\_cosecha\_bloque\_dia.py
17. [gold] \src\features\build\_features\_peso\_tallo\_grado\_bloque\_dia.py
18. [gold] \src\features\build\_targets\_curva\_beta\_multiplier\_dia.py
19. [gold] \src\features\build\_targets\_curva\_beta\_params.py
20. [gold] \src\gold\build\_pred\_cajas\_postcosecha\_seed\_mix\_grado\_dia.py
21. [gold] \src\gold\build\_pred\_kg\_cajas\_grado\_dia\_ml1\_full.py
22. [gold] \src\gold\build\_pred\_poscosecha\_ml1\_views.py
23. [gold] \src\gold\build\_pred\_tallos\_grado\_dia\_ml1\_full.py
24. [gold] \src\gold\build\_universe\_harvest\_grid\_ml1.py
25. [gold] \src\gold\build\_view\_planificacion\_campo\_tallos.py
26. [gold] \src\gold\postprocess\_curva\_share\_smooth\_ml1.py
27. [gold] \src\models\ml1\apply\_curva\_beta\_params.py
28. [gold] \src\models\ml1\apply\_curva\_cdf\_dia.py
29. [gold] \src\models\ml1\apply\_desp\_ajuste\_poscosecha\_ml1.py
30. [gold] \src\models\ml1\apply\_dh\_poscosecha\_ml1.py
31. [gold] \src\models\ml1\apply\_hidr\_poscosecha\_ml1.py
32. [gold] \src\preds\build\_pred\_oferta\_dia\_from\_universe\_ml1.py
33. [audit] \src\audit\audit\_dist\_grado\_ml1.py
34. [audit] \src\audit\audit\_ml1\_curva\_share\_vs\_real.py
35. [audit] \src\audit\audit\_poscosecha\_seed.py
36. [audit] \src\audit\audit\_universe\_harvest\_grid\_ml1.py
37. [other] \src\audit\audit\_ajuste\_poscosecha\_ml2.py
38. [other] \src\audit\audit\_desp\_poscosecha\_ml2.py
39. [other] \src\audit\audit\_dh\_poscosecha\_ml2.py
40. [other] \src\audit\audit\_harvest\_horizon\_ml2.py
41. [other] \src\audit\audit\_harvest\_start\_ml2.py
42. [other] \src\audit\audit\_hidr\_poscosecha\_ml2.py
43. [other] \src\audit\audit\_mass\_balance\_pred\_oferta\_vs\_gold.py
44. [other] \src\audit\audit\_peso\_tallo\_ml2.py
45. [other] \src\audit\audit\_poscosecha\_ml2\_baseline.py
46. [other] \src\audit\audit\_share\_grado\_ml2.py
47. [other] \src\audit\audit\_tallos\_curve\_ml2.py
48. [other] \src\bronze\build\_balanza\_lc\_raw.py
49. [other] \src\bronze\build\_balanza\_cosecha\_raw.py
50. [other] \src\bronze\build\_balanza\_mermas\_sources.py
51. [other] \src\bronze\build conteo\_tallos\_alturas\_gyp2419\_raw.py
52. [other] \src\bronze\build\_fenograma\_raw.py
53. [other] \src\bronze\build\_fenograma\_sources.py
54. [other] \src\bronze\build\_ghu\_maestro\_horas.py
55. [other] \src\bronze\build\_personal\_sources.py
56. [other] \src\bronze\build\_ventas\_sources.py
57. [other] \src\bronze\build\_weather\_hour\_a4.py
58. [other] \src\bronze\build\_weather\_hour\_main.py
59. [other] \src\common\ids.py
60. [other] \src\common\io.py
61. [other] \src\common\timegrid.py
62. [other] \src\eval\build\_kpis\_ajuste\_poscosecha\_ml2.py
63. [other] \src\eval\build\_kpis\_desp\_poscosecha\_ml2.py
64. [other] \src\eval\build\_kpis\_dh\_poscosecha\_ml2.py
65. [other] \src\eval\build\_kpis\_harvest\_horizon\_ml2.py
66. [other] \src\eval\build\_kpis\_harvest\_start\_ml2.py

67. [other] \src\eval\build\_kpis\_hidr\_poscosecha\_ml2.py  
68. [other] \src\eval\build\_kpis\_peso\_tallo\_ml2.py  
69. [other] \src\eval\build\_kpis\_poscosecha\_ml2\_baseline.py  
70. [other] \src\eval\build\_kpis\_share\_grado\_ml2.py  
71. [other] \src\eval\build\_kpis\_tallos\_curve\_ml2.py  
72. [other] \src\features\build\_features\_ciclo\_fecha.py  
73. [other] \src\features\build\_features\_harvest\_window\_ml1.py  
74. [other] \src\gold\apply\_desp\_ajuste\_poscosecha\_ml1\_on\_ml2\_hidr.py  
75. [other] \src\gold\apply\_dh\_poscosecha\_ml1\_on\_ml2\_seed.py  
76. [other] \src\gold\apply\_hidr\_poscosecha\_ml1\_on\_ml2\_dh.py  
77. [other] \src\gold\build\_ds\_ajuste\_poscosecha\_ml2\_v1.py  
78. [other] \src\gold\build\_ds\_desp\_poscosecha\_ml2\_v1.py  
79. [other] \src\gold\build\_ds\_dh\_poscosecha\_ml2\_v1.py  
80. [other] \src\gold\build\_ds\_harvest\_horizon\_ml2\_v2.py  
81. [other] \src\gold\build\_ds\_harvest\_start\_ml2\_v2.py  
82. [other] \src\gold\build\_ds\_hidr\_poscosecha\_ml2\_v1.py  
83. [other] \src\gold\build\_ds\_peso\_tallo\_ml2\_v1.py  
84. [other] \src\gold\build\_ds\_share\_grado\_ml2\_v1.py  
85. [other] \src\gold\build\_ds\_tallos\_curve\_ml2\_v2.py  
86. [other] \src\gold\build\_pred\_kg\_cajas\_ml1.py  
87. [other] \src\gold\build\_pred\_poscosecha\_ml2\_final\_views.py  
88. [other] \src\gold\build\_pred\_poscosecha\_ml2\_seed\_mix\_grado\_dia.py  
89. [other] \src\gold\build\_pred\_poscosecha\_ml2\_views\_from\_full.py  
90. [other] \src\gold\build\_pred\_tallos\_grado\_dia\_ml1.py  
91. [other] \src\gold\build\_pred\_tallos\_ml2\_full.py  
92. [other] \src\gold\build\_universe\_harvest\_grid\_ml2.py  
93. [other] \src\models\ml1\apply\_curva\_share\_dia.py  
94. [other] \src\models\ml1\apply\_curva\_tallos\_dia.py  
95. [other] \src\models\ml1\apply\_dist\_grado.py  
96. [other] \src\models\ml1\apply\_harvest\_window\_ml1.py  
97. [other] \src\models\ml1\apply\_peso\_tallo\_grado.py  
98. [other] \src\models\ml1\train\_curva\_beta\_multiplier\_dia.py  
99. [other] \src\models\ml1\train\_curva\_beta\_params.py  
100. [other] \src\models\ml1\train\_curva\_tallos\_dia.py  
101. [other] \src\models\ml1\train\_dist\_grado.py  
102. [other] \src\models\ml1\train\_harvest\_window\_ml1.py  
103. [other] \src\models\ml1\train\_peso\_tallo\_grado.py  
104. [other] \src\models\ml2\apply\_ajuste\_poscosecha\_ml2.py  
105. [other] \src\models\ml2\apply\_desp\_poscosecha\_ml2.py  
106. [other] \src\models\ml2\apply\_dh\_poscosecha\_ml2.py  
107. [other] \src\models\ml2\apply\_harvest\_horizon\_ml2.py  
108. [other] \src\models\ml2\apply\_harvest\_start\_ml2.py  
109. [other] \src\models\ml2\apply\_hidr\_poscosecha\_ml2.py  
110. [other] \src\models\ml2\apply\_peso\_tallo\_ml2.py  
111. [other] \src\models\ml2\apply\_share\_grado\_ml2.py  
112. [other] \src\models\ml2\apply\_tallos\_curve\_ml2.py  
113. [other] \src\models\ml2\train\_ajuste\_poscosecha\_ml2.py  
114. [other] \src\models\ml2\train\_desp\_poscosecha\_ml2.py  
115. [other] \src\models\ml2\train\_dh\_poscosecha\_ml2.py  
116. [other] \src\models\ml2\train\_harvest\_horizon\_ml2.py  
117. [other] \src\models\ml2\train\_harvest\_start\_ml2.py  
118. [other] \src\models\ml2\train\_hidr\_poscosecha\_ml2.py  
119. [other] \src\models\ml2\train\_peso\_tallo\_ml2.py  
120. [other] \src\models\ml2\train\_share\_grado\_ml2.py  
121. [other] \src\models\ml2\train\_tallos\_curve\_ml2.py  
122. [other] \src\ops\io.py  
123. [other] \src\ops\registry.py  
124. [other] \src\ops\runner.py  
125. [other] \src\ops\validators.py  
126. [other] \src\preds\build\_capacidad\_cosecha\_dia.py  
127. [other] \src\preds\build\_pred\_cajas\_from\_peso\_final.py  
128. [other] \src\preds\build\_pred\_horas\_poscosecha.py  
129. [other] \src\preds\build\_pred\_milestones\_baseline.py  
130. [other] \src\preds\build\_pred\_oferta\_dia.py  
131. [other] \src\preds\build\_pred\_oferta\_grado.py  
132. [other] \src\preds\build\_pred\_peso\_final\_ajustado\_grado.py  
133. [other] \src\preds\build\_pred\_peso\_grado.py  
134. [other] \src\preds\build\_pred\_peso\_hidratado\_grado.py  
135. [other] \src\preds\build\_pred\_plan\_horas\_dia.py  
136. [other] \src\preds\build\_pred\_tallos\_cosecha\_dia.py  
137. [other] \src\run\_pipeline.py  
138. [other] \src\silver\build\_ciclo\_maestro\_from\_fenograma.py

```
139. [other] \src\silver\build_ciclo_maestro_from_sources.py
140. [other] \src\silver\build_dim_baseline_capacidad_tallos_h_persona.py
141. [other] \src\silver\build_dim_capacidad_baseline_tallos_proceso.py
142. [other] \src\silver\build_dim_dh_baseline_grado_destino.py
143. [other] \src\silver\build_dim_dist_grado_baseline.py
144. [other] \src\silver\build_dim_factor_uph_cosecha_clima.py
145. [other] \src\silver\build_dim_hidratacion_baseline_grado_destino.py
146. [other] \src\silver\build_dim_hidratacion_fecha_cosecha_grado_destino.py
147. [other] \src\silver\build_dim_mediana_etapas_tipo_sp_variedad_area.py
148. [other] \src\silver\build_dim_mermas_ajuste_fecha_post.py
149. [other] \src\silver\build_dim_mix_proceso_semana_from_ventas.py
150. [other] \src\silver\build_dim_peso_tallo_baseline.py
151. [other] \src\silver\build_dim_peso_tallo_promedio_dia.py
152. [other] \src\silver\build_dim_variedad_canon.py
153. [other] \src\silver\build_fact_capacidad_proceso_hist.py
154. [other] \src\silver\build_fact_cosecha_real_grado_dia.py
155. [other] \src\silver\build_fact_cosecha_uph_hora_clima.py
156. [other] \src\silver\build_fact_peso_tallo_real_grado_dia.py
157. [other] \src\silver\build_hidratacion_real_from_balanza2.py
158. [other] \src\silver\build_milestone_window_ciclo_final_with_inference.py
159. [other] \src\silver\build_milestones_final.py
160. [other] \src\silver\build_milestones_windows.py
161. [other] \src\silver\build_patch_ciclo_maestro_from_pred_tallos.py
162. [other] \src\silver\build_weather_hour_estado.py
163. [other] \src\silver\build_weather_hour_wide.py
164. [other] \src\silver\build_windows_from_milestones_final.py
```

=====

DATAFLOW EDGES (producer -> artifact -> consumer):  
<no edges inferred from static IO>

=====

#### PER-SCRIPT IO SUMMARY:

```
-----  
SCRIPT: \src\audit\audit_harvest_windows_real.py  
STAGE : silver  
PATH   : C:\Data-LakeHouse\src\audit\audit_harvest_windows_real.py  
INPUTS:  
  - data/silver/fact_ciclo_maestro.parquet  
OUTPUTS:  
  <none detected>
```

-----

```
SCRIPT: \src\audit\audit_mll_curva_shares.py  
STAGE : silver  
PATH   : C:\Data-LakeHouse\src\audit\audit_mll_curva_shares.py  
INPUTS:  
  - data/gold/pred_dist_grado_mll.parquet  
  - data/gold/pred_factor_curva_mll.parquet  
  - data/gold/pred_tallos_grado_dia_mll_full.parquet  
  - data/gold/universe_harvest_grid_mll.parquet  
  - data/preds/pred_oferta_dia.parquet  
  - data/silver/dim_cosecha_progress_bloque_fecha.parquet  
  - data/silver/dim_variedad_canon.parquet  
OUTPUTS:  
  <none detected>
```

```
UNKNOWN/HINTS:  
  - write_parquet(<dynamic>)  
  - write_parquet(<dynamic>)  
  - write_parquet(<dynamic>)  
  - write_parquet(<dynamic>)  
  - write_parquet(<dynamic>)  
  - write_parquet(<dynamic>)  
  - literal:coverage.parquet  
  - literal:invariants_day.parquet  
  - literal:mass_balance_cycle.parquet  
  - literal:day_panel.parquet  
  - literal:shape_cycle.parquet  
  - literal:shape_segmentation.parquet
```

```
-----  
SCRIPT: \src\features\build_cap_tallos_real_dia.py  
STAGE : silver  
PATH  : C:\Data-LakeHouse\src\features\build_cap_tallos_real_dia.py  
INPUTS:  
- data/features/features_curva_cosecha_bloque_dia.parquet  
- data/silver/dim_cosecha_progress_bloque_fecha.parquet  
- data/silver/dim_variedad_canon.parquet  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write_parquet(<dynamic>)  
- literal:data/gold/dim_cap_tallos_real_dia.parquet
```

```
-----  
SCRIPT: \src\models\ml1\train_ajuste_poscosecha_ml1.py  
STAGE : silver  
PATH  : C:\Data-LakeHouse\src\models\ml1\train_ajuste_poscosecha_ml1.py  
INPUTS:  
- data/silver/dim_mermas_ajuste_fecha_post_destino.parquet  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- dump(<dynamic>)  
- open(<dynamic>)  
- dump(<dynamic>)  
- literal:model.joblib  
- literal:metrics.json
```

```
-----  
SCRIPT: \src\models\ml1\train_curva_cdf_dia.py  
STAGE : silver  
PATH  : C:\Data-LakeHouse\src\models\ml1\train_curva_cdf_dia.py  
INPUTS:  
- data/features/features_curva_cosecha_bloque_dia.parquet  
- data/gold/universe_harvest_grid_ml1.parquet  
- data/silver/dim_cosecha_progress_bloque_fecha.parquet  
- data/silver/dim_variedad_canon.parquet  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- dump(<dynamic>)  
- open(<dynamic>)  
- dump(<dynamic>)  
- literal:model_curva_cdf_dia.joblib  
- literal:metrics.json
```

```
-----  
SCRIPT: \src\models\ml1\train_curva_share_dia.py  
STAGE : silver  
PATH  : C:\Data-LakeHouse\src\models\ml1\train_curva_share_dia.py  
INPUTS:  
- data/features/features_curva_cosecha_bloque_dia.parquet  
- data/gold/universe_harvest_grid_ml1.parquet  
- data/silver/dim_cosecha_progress_bloque_fecha.parquet  
- data/silver/dim_variedad_canon.parquet  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- dump(<dynamic>)  
- to_parquet(<dynamic>)  
- to_parquet(<dynamic>)  
- open(<dynamic>)  
- dump(<dynamic>)  
- literal:model_curva_share_dia.joblib  
- literal:cap_floor_share_by_relpes.parquet  
- literal:cap_floor_share_by_relpes_global.parquet  
- literal:metrics.json
```

```
-----  
SCRIPT: \src\models\ml1\train_desp_poscosecha_ml1.py  
STAGE : silver
```

PATH : C:\Data-LakeHouse\src\models\ml1\train\_desp\_poscosecha\_ml1.py  
INPUTS:  
- data/silver/dim\_mermas\_ajuste\_fecha\_post\_destino.parquet  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- dump(<dynamic>)  
- open(<dynamic>)  
- dump(<dynamic>)  
- literal:model.joblib  
- literal:metrics.json

-----  
SCRIPT: \src\models\ml1\train\_dh\_poscosecha\_ml1.py  
STAGE : silver  
PATH : C:\Data-LakeHouse\src\models\ml1\train\_dh\_poscosecha\_ml1.py  
INPUTS:  
- data/silver/fact\_hidratacion\_real\_post\_grado\_destino.parquet  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- dump(<dynamic>)  
- open(<dynamic>)  
- dump(<dynamic>)  
- literal:model.joblib  
- literal:metrics.json

-----  
SCRIPT: \src\models\ml1\train\_hidr\_poscosecha\_ml1.py  
STAGE : silver  
PATH : C:\Data-LakeHouse\src\models\ml1\train\_hidr\_poscosecha\_ml1.py  
INPUTS:  
- data/silver/fact\_hidratacion\_real\_post\_grado\_destino.parquet  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- dump(<dynamic>)  
- open(<dynamic>)  
- dump(<dynamic>)  
- literal:model.joblib  
- literal:metrics.json

-----  
SCRIPT: \src\silver\build\_dim\_clima\_bloque\_dia.py  
STAGE : silver  
PATH : C:\Data-LakeHouse\src\silver\build\_dim\_clima\_bloque\_dia.py  
INPUTS:  
- data/silver/fact\_ciclo\_maestro.parquet  
- data/silver/weather\_hour\_wide.parquet  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- literal:data/silver/dim\_clima\_bloque\_dia.parquet

-----  
SCRIPT: \src\silver\build\_dim\_cosecha\_progress\_bloque\_fecha.py  
STAGE : silver  
PATH : C:\Data-LakeHouse\src\silver\build\_dim\_cosecha\_progress\_bloque\_fecha.py  
INPUTS:  
- data/silver/dim\_clima\_bloque\_dia.parquet  
- data/silver/fact\_ciclo\_maestro.parquet  
- data/silver/fact\_cosecha\_real\_grado\_dia.parquet  
- data/silver/grid\_ciclo\_fecha.parquet  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- literal:data/silver/milestones\_ciclo\_final.parquet  
- literal:data/silver/dim\_cosecha\_progress\_bloque\_fecha.parquet

SCRIPT: \src\silver\build\_dim\_estado\_termico\_cultivo\_bloque\_fecha.py  
STAGE : silver  
PATH : C:\Data-LakeHouse\src\silver\build\_dim\_estado\_termico\_cultivo\_bloque\_fecha.py  
INPUTS:  
- data/silver/dim\_clima\_bloque\_dia.parquet  
- data/silver/fact\_ciclo\_maestro.parquet  
- data/silver/grid\_ciclo\_fecha.parquet  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- literal:data/silver/dim\_estado\_termico\_cultivo\_bloque\_fecha.parquet

-----  
SCRIPT: \src\audit\audit\_mismatch\_tallos\_grado\_vs\_dia.py  
STAGE : gold  
PATH : C:\Data-LakeHouse\src\audit\audit\_mismatch\_tallos\_grado\_vs\_dia.py  
INPUTS:  
- data/gold/pred\_tallos\_grado\_dia\_mll\_full.parquet  
OUTPUTS:  
<none detected>

-----  
SCRIPT: \src\audit\audit\_mll\_curva\_clipping\_impact.py  
STAGE : gold  
PATH : C:\Data-LakeHouse\src\audit\audit\_mll\_curva\_clipping\_impact.py  
INPUTS:  
- data/gold/pred\_factor\_curva\_mll.parquet  
- data/gold/universe\_harvest\_grid\_mll.parquet  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- write\_parquet(<dynamic>)  
- write\_parquet(<dynamic>)  
- literal:data/audit/audit\_mll\_curva\_clipping\_report.parquet  
- literal:data/audit/audit\_mll\_curva\_clipping\_by\_relpes.parquet  
- literal:data/audit/audit\_mll\_curva\_clipping\_by\_cycle.parquet

-----  
SCRIPT: \src\features\build\_features\_cosecha\_bloque\_fecha.py  
STAGE : gold  
PATH : C:\Data-LakeHouse\src\features\build\_features\_cosecha\_bloque\_fecha.py  
INPUTS:  
- data/gold/universe\_harvest\_grid\_mll.parquet  
- data/silver/dim\_clima\_bloque\_dia.parquet  
- data/silver/dim\_cosecha\_progress\_bloque\_fecha.parquet  
- data/silver/dim\_dist\_grado\_baseline.parquet  
- data/silver/dim\_estado\_termico\_cultivo\_bloque\_fecha.parquet  
- data/silver/dim\_peso\_tallo\_baseline.parquet  
- data/silver/dim\_variedad\_canon.parquet  
- data/silver/fact\_ciclo\_maestro.parquet  
- data/silver/fact\_cosecha\_real\_grado\_dia.parquet  
- data/silver/fact\_peso\_tallo\_real\_grado\_dia.parquet  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- literal:data/features/features\_cosecha\_bloque\_fecha.parquet

-----  
SCRIPT: \src\features\build\_features\_curva\_cosecha\_bloque\_dia.py  
STAGE : gold  
PATH : C:\Data-LakeHouse\src\features\build\_features\_curva\_cosecha\_bloque\_dia.py  
INPUTS:  
- data/gold/universe\_harvest\_grid\_mll.parquet  
- data/silver/dim\_clima\_bloque\_dia.parquet  
- data/silver/dim\_cosecha\_progress\_bloque\_fecha.parquet  
- data/silver/dim\_estado\_termico\_cultivo\_bloque\_fecha.parquet  
- data/silver/dim\_variedad\_canon.parquet  
- data/silver/fact\_ciclo\_maestro.parquet  
OUTPUTS:

```
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- literal:data/features/features_cosecha_bloque_dia.parquet

-----
SCRIPT: \src\features\build_features_peso_tallo_grado_bloque_dia.py
STAGE : gold
PATH   : C:\Data-LakeHouse\src\features\build_features_peso_tallo_grado_bloque_dia.py
INPUTS:
- data/features/features_cosecha_bloque_fecha.parquet
- data/gold/pred_dist_grado_mll.parquet
- data/gold/universe_harvest_grid_mll.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- literal:data/features/features_peso_tallo_grado_bloque_dia.parquet

-----
SCRIPT: \src\features\build_targets_curva_beta_multiplier_dia.py
STAGE : gold
PATH   : C:\Data-LakeHouse\src\features\build_targets_curva_beta_multiplier_dia.py
INPUTS:
- data/features/features_curva_cosecha_bloque_dia.parquet
- data/features/trainset_curva_beta_params.parquet
- data/gold/universe_harvest_grid_mll.parquet
- data/silver/dim_cosecha_progress_bloque_fecha.parquet
- data/silver/dim_variedad_canon.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- literal:data/features/trainset_curva_beta_multiplier_dia.parquet

-----
SCRIPT: \src\features\build_targets_curva_beta_params.py
STAGE : gold
PATH   : C:\Data-LakeHouse\src\features\build_targets_curva_beta_params.py
INPUTS:
- data/features/features_curva_cosecha_bloque_dia.parquet
- data/gold/universe_harvest_grid_mll.parquet
- data/silver/dim_cosecha_progress_bloque_fecha.parquet
- data/silver/dim_variedad_canon.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- open(<dynamic>)
- dump(<dynamic>)
- literal:data/features/trainset_curva_beta_params.parquet
- literal:data/features/_debug_panel_beta_params.parquet
- literal:.fitmeta.json

-----
SCRIPT: \src\gold\build_pred_cajas_postcosecha_seed_mix_grado_dia.py
STAGE : gold
PATH   : C:\Data-LakeHouse\src\gold\build_pred_cajas_postcosecha_seed_mix_grado_dia.py
INPUTS:
- data/gold/pred_cajas_grado_dia_mll_full.parquet
- data/silver/dim_dh_baseline_grado_destino.parquet
- data/silver/dim_hidratacion_fecha_cosecha_grado_destino.parquet
- data/silver/dim_mermas_ajuste_fecha_post_destino.parquet
- data/silver/dim_mix_proceso_semana.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
```

```
- write_parquet(<dynamic>
- literal:data/gold/pred_poscosecha_seed_grado_dia_bloque_destino.parquet
- literal:data/gold/pred_poscosecha_seed_dia_destino.parquet
- literal:data/gold/pred_poscosecha_seed_dia_total.parquet
```

---

```
-----  
SCRIPT: \src\gold\build_pred_kg_cajas_grado_dia_mll_full.py  
STAGE : gold  
PATH   : C:\Data-LakeHouse\src\gold\build_pred_kg_cajas_grado_dia_mll_full.py  
INPUTS:
```

```
- data/gold/pred_peso_tallo_grado_mll.parquet
- data/gold/pred_tallos_grado_dia_mll_full.parquet
```

```
OUTPUTS:
```

```
<none detected>
```

```
UNKNOWN/HINTS:
```

```
- write_parquet(<dynamic>
- write_parquet(<dynamic>
- write_parquet(<dynamic>
- write_parquet(<dynamic>
- write_parquet(<dynamic>
- literal:data/gold/pred_kg_grado_dia_mll_full.parquet
- literal:data/gold/pred_cajas_grado_dia_mll_full.parquet
- literal:data/gold/pred_cajas_dia_mll_full.parquet
- literal:data/gold/pred_kg_grado_dia_mll_agg.parquet
- literal:data/gold/pred_cajas_grado_dia_mll_agg.parquet
```

---

```
-----  
SCRIPT: \src\gold\build_pred_poscosecha_mll_views.py  
STAGE : gold  
PATH   : C:\Data-LakeHouse\src\gold\build_pred_poscosecha_mll_views.py  
INPUTS:
```

```
- data/gold/pred_poscosecha_mll_full_grado_dia_bloque_destino.parquet
```

```
OUTPUTS:
```

```
<none detected>
```

```
UNKNOWN/HINTS:
```

```
- write_parquet(<dynamic>
- write_parquet(<dynamic>
- write_parquet(<dynamic>
- literal:data/gold/pred_poscosecha_mll_dia_bloque_destino.parquet
- literal:data/gold/pred_poscosecha_mll_dia_destino.parquet
- literal:data/gold/pred_poscosecha_mll_dia_total.parquet
```

---

```
-----  
SCRIPT: \src\gold\build_pred_tallos_grado_dia_mll_full.py  
STAGE : gold  
PATH   : C:\Data-LakeHouse\src\gold\build_pred_tallos_grado_dia_mll_full.py  
INPUTS:
```

```
- data/gold/pred_dist_grado_mll.parquet
- data/gold/pred_factor_curva_mll.parquet
- data/gold/universe_harvest_grid_mll.parquet
- data/silver/dim_variedad_canon.parquet
- data/silver/fact_ciclo_maestro.parquet
```

```
OUTPUTS:
```

```
<none detected>
```

```
UNKNOWN/HINTS:
```

```
- write_parquet(<dynamic>
- literal:data/gold/pred_tallos_grado_dia_mll_full.parquet
```

---

```
-----  
SCRIPT: \src\gold\build_universe_harvest_grid_mll.py  
STAGE : gold  
PATH   : C:\Data-LakeHouse\src\gold\build_universe_harvest_grid_mll.py  
INPUTS:
```

```
- data/gold/pred_harvest_window_mll.parquet
- data/silver/fact_ciclo_maestro.parquet
```

```
OUTPUTS:
```

```
<none detected>
```

```
UNKNOWN/HINTS:
```

```
- write_parquet(<dynamic>
- literal:data/gold/universe_harvest_grid_mll.parquet
```

```
SCRIPT: \src\gold\build_view_planificacion_campo_tallos.py
STAGE : gold
PATH  : C:\Data-LakeHouse\src\gold\build_view_planificacion_campo_tallos.py
INPUTS:
- data/gold/pred_tallos_grado_dia_m11_full.parquet
- data/silver/fact_ciclo_maestro.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- literal:data/gold/view_planificacion_campo_tallos_dia.parquet
- literal:data/gold/view_planificacion_campo_tallos_semana.parquet
- literal:data/gold/view_planificacion_campo_tallos_semana_bloque.parquet
- literal:data/gold/view_planificacion_campo_tallos_semana_area.parquet

-----
SCRIPT: \src\gold\postprocess_curva_share_smooth_m11.py
STAGE : gold
PATH  : C:\Data-LakeHouse\src\gold\postprocess_curva_share_smooth_m11.py
INPUTS:
- data/features/features_curva_cosecha_bloque_dia.parquet
- data/gold/pred_factor_curva_m11.parquet
- data/gold/universe_harvest_grid_m11.parquet
- data/silver/dim_cosecha_progress_bloque_fecha.parquet
- data/silver/dim_variedad_canon.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)

-----
SCRIPT: \src\models\m11\apply_curva_beta_params.py
STAGE : gold
PATH  : C:\Data-LakeHouse\src\models\m11\apply_curva_beta_params.py
INPUTS:
- data/features/features_curva_cosecha_bloque_dia.parquet
- data/gold/dim_cap_tallos_real_dia.parquet
- data/gold/universe_harvest_grid_m11.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- load(<dynamic>)
- load(<dynamic>)
- load(<dynamic>)
- write_parquet(<dynamic>)
- open(<dynamic>)
- load(<dynamic>)
- open(<dynamic>)
- load(<dynamic>)
- literal:data/gold/pred_factor_curva_m11.parquet
- literal:metrics.json
- literal:model_alpha.joblib
- literal:model_beta.joblib
- literal:model_log_mult.joblib

-----
SCRIPT: \src\models\m11\apply_curva_cdf_dia.py
STAGE : gold
PATH  : C:\Data-LakeHouse\src\models\m11\apply_curva_cdf_dia.py
INPUTS:
- data/features/features_curva_cosecha_bloque_dia.parquet
- data/gold/universe_harvest_grid_m11.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- load(<dynamic>)
- write_parquet(<dynamic>)
- open(<dynamic>)
- load(<dynamic>)
```

```
- literal:data/gold/pred_factor_curva_ml1.parquet
- literal:metrics.json
- literal:model_curva_cdf_dia.joblib

-----
SCRIPT: \src\models\ml1\apply_desp_ajuste_poscosecha_ml1.py
STAGE : gold
PATH   : C:\Data-LakeHouse\src\models\ml1\apply_desp_ajuste_poscosecha_ml1.py
INPUTS:
- data/gold/pred_poscosecha_ml1_hidr_grado_dia_bloque_destino.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- load(<dynamic>)
- write_parquet(<dynamic>)
- open(<dynamic>)
- load(<dynamic>)
- literal:data/gold/pred_poscosecha_ml1_full_grado_dia_bloque_destino.parquet
- literal:metrics.json
- literal:model.joblib

-----
SCRIPT: \src\models\ml1\apply_dh_poscosecha_ml1.py
STAGE : gold
PATH   : C:\Data-LakeHouse\src\models\ml1\apply_dh_poscosecha_ml1.py
INPUTS:
- data/gold/pred_poscosecha_seed_grado_dia_bloque_destino.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- load(<dynamic>)
- write_parquet(<dynamic>)
- open(<dynamic>)
- load(<dynamic>)
- literal:data/gold/pred_poscosecha_ml1_dh_grado_dia_bloque_destino.parquet
- literal:metrics.json
- literal:model.joblib

-----
SCRIPT: \src\models\ml1\apply_hidr_poscosecha_ml1.py
STAGE : gold
PATH   : C:\Data-LakeHouse\src\models\ml1\apply_hidr_poscosecha_ml1.py
INPUTS:
- data/gold/pred_poscosecha_ml1_dh_grado_dia_bloque_destino.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- load(<dynamic>)
- write_parquet(<dynamic>)
- open(<dynamic>)
- load(<dynamic>)
- literal:data/gold/pred_poscosecha_ml1_hidr_grado_dia_bloque_destino.parquet
- literal:metrics.json
- literal:model.joblib

-----
SCRIPT: \src\preds\build_pred_oferta_dia_from_universe_ml1.py
STAGE : gold
PATH   : C:\Data-LakeHouse\src\preds\build_pred_oferta_dia_from_universe_ml1.py
INPUTS:
- data/gold/universe_harvest_grid_ml1.parquet
- data/silver/fact_ciclo_maestro.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- literal:data/preds/pred_oferta_dia.parquet

-----
SCRIPT: \src\audit\audit_dist_grado_ml1.py
STAGE : audit
PATH   : C:\Data-LakeHouse\src\audit\audit_dist_grado_ml1.py
```

INPUTS:  
- data/gold/pred\_dist\_grado\_m11.parquet  
- data/gold/universe\_harvest\_grid\_m11.parquet

OUTPUTS:  
- data/audit/audit\_dist\_grado\_m11\_summary.json

UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- dump(<dynamic>)  
- literal:data/audit/audit\_dist\_grado\_m11\_checks.parquet

---

SCRIPT: \src\audit\audit\_m11\_curva\_share\_vs\_real.py  
STAGE : audit  
PATH : C:\Data-LakeHouse\src\audit\audit\_m11\_curva\_share\_vs\_real.py

INPUTS:  
- data/gold/pred\_factor\_curva\_m11.parquet  
- data/gold/universe\_harvest\_grid\_m11.parquet  
- data/preds/pred\_oferta\_dia.parquet  
- data/silver/dim\_cosecha\_progress\_bloque\_fecha.parquet

OUTPUTS:  
- data/audit/audit\_m11\_curva\_share\_report.parquet

UNKNOWN/HINTS:  
- to\_parquet(<dynamic>)  
- literal:audit\_m11\_curva\_share\_cycle\_metrics.parquet

---

SCRIPT: \src\audit\audit\_poscosecha\_seed.py  
STAGE : audit  
PATH : C:\Data-LakeHouse\src\audit\audit\_poscosecha\_seed.py

INPUTS:  
- data/gold/pred\_poscosecha\_seed\_dia\_destino.parquet  
- data/gold/pred\_poscosecha\_seed\_dia\_total.parquet  
- data/gold/pred\_poscosecha\_seed\_grado\_dia\_bloque\_destino.parquet

OUTPUTS:  
- data/audit/audit\_poscosecha\_seed\_summary.json

UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- dump(<dynamic>)  
- literal:data/audit/audit\_poscosecha\_seed\_checks.parquet

---

SCRIPT: \src\audit\audit\_universe\_harvest\_grid\_m11.py  
STAGE : audit  
PATH : C:\Data-LakeHouse\src\audit\audit\_universe\_harvest\_grid\_m11.py

INPUTS:  
- data/gold/universe\_harvest\_grid\_m11.parquet

OUTPUTS:  
- data/audit/audit\_universe\_harvest\_grid\_m11\_summary.json

UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- dump(<dynamic>)  
- literal:data/audit/audit\_universe\_harvest\_grid\_m11\_checks.parquet

---

SCRIPT: \src\audit\audit\_ajuste\_poscosecha\_m12.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\audit\audit\_ajuste\_poscosecha\_m12.py

INPUTS:  
<none detected>

OUTPUTS:  
<none detected>

UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)

```
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:ml2_ajuste_poscosecha_eval_global.parquet
- literal:ml2_ajuste_poscosecha_eval_by_destino.parquet
- literal:ml2_ajuste_poscosecha_eval_ratio_dist.parquet
- literal:pred_poscosecha_ml2_ajuste_grado_dia_bloque_destino_final.parquet
- literal:dim_mermas_ajuste_fecha_post_destino.parquet
- literal:audit_ajuste_poscosecha_ml2_kpi_global_{ts}.parquet
- literal:audit_ajuste_poscosecha_ml2_kpi_by_destino_{ts}.parquet
- literal:audit_ajuste_poscosecha_ml2_ratio_dist_{ts}.parquet
- literal:audit_ajuste_poscosecha_ml2_examples_10x2_{ts}.parquet
```

---

```
-----  
SCRIPT: \src\audit\audit_desp_poscosecha_ml2.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\audit\audit_desp_poscosecha_ml2.py  
INPUTS:
```

```
  <none detected>
```

```
OUTPUTS:
```

```
  <none detected>
```

```
UNKNOWN/HINTS:
```

```
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_poscosecha_ml2_desp_grado_dia_bloque_destino_final.parquet
- literal:dim_mermas_ajuste_fecha_post_destino.parquet
- literal:audit_desp_poscosecha_ml2_kpi_global_{TS}.parquet
- literal:audit_desp_poscosecha_ml2_kpi_by_destino_{TS}.parquet
- literal:audit_desp_poscosecha_ml2_ratio_dist_{TS}.parquet
- literal:audit_desp_poscosecha_ml2_examples_10x2_{TS}.parquet
```

---

```
-----  
SCRIPT: \src\audit\audit_dh_poscosecha_ml2.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\audit\audit_dh_poscosecha_ml2.py  
INPUTS:
```

```
  <none detected>
```

```
OUTPUTS:
```

```
  <none detected>
```

```
UNKNOWN/HINTS:
```

```
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:ml2_dh_poscosecha_eval_global.parquet
- literal:ml2_dh_poscosecha_eval_by_destino.parquet
- literal:ml2_dh_poscosecha_eval_by_grado.parquet
- literal:ml2_dh_poscosecha_eval_delta_dist.parquet
- literal:backtest_factor_ml2_dh_poscosecha.parquet
- literal:fact_hidracion_real_post_grado_destino.parquet
- literal:}).parquet
```

---

```
-----  
SCRIPT: \src\audit\audit_harvest_horizon_ml2.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\audit\audit_harvest_horizon_ml2.py  
INPUTS:
```

```
  <none detected>
```

```
OUTPUTS:
```

```
  <none detected>
```

```
UNKNOWN/HINTS:
```

```
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:fact_ciclo_maestro.parquet
- literal:backtest_factor_ml2_harvest_horizon.parquet
- literal:audit_harvest_horizon_ml2_kpi_global_{ts}.parquet
- literal:audit_harvest_horizon_ml2_adjust_dist_{ts}.parquet
- literal:audit_harvest_horizon_ml2_kpi_by_estado_{ts}.parquet
- literal:audit_harvest_horizon_ml2_examples_10x2_{ts}.parquet
```

---

```
-----  
SCRIPT: \src\audit\audit_harvest_start_ml2.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\audit\audit_harvest_start_ml2.py  
INPUTS:
```

```
  <none detected>
```

```
OUTPUTS:
```

```
  <none detected>
```

```
UNKNOWN/HINTS:
```

```
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- to_csv(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:fact_ciclo_maestro.parquet
- literal:factor_ml2_harvest_start.parquet
- literal:ds_harvest_start_ml2_v2.parquet
- literal:audit_harvest_start_ml2_kpi_global_{ts}.parquet
- literal:audit_harvest_start_ml2_adjust_dist_{ts}.parquet
- literal:audit_harvest_start_ml2_kpi_by_estado_{ts}.parquet
- literal:audit_harvest_start_ml2_agro_corr_{ts}.parquet
- literal:audit_harvest_start_ml2_examples_10x2_{ts}.parquet
- literal:audit_harvest_start_ml2_examples_10x2_{ts}.csv
```

---

```
-----  
SCRIPT: \src\audit\audit_hidr_poscosecha_ml2.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\audit\audit_hidr_poscosecha_ml2.py  
INPUTS:
```

```
  <none detected>
```

```
OUTPUTS:
```

```
  <none detected>
```

```
UNKNOWN/HINTS:
```

```
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:m12_hidr_poscosecha_eval_global.parquet
- literal:m12_hidr_poscosecha_eval_by_destino.parquet
- literal:m12_hidr_poscosecha_eval_by_grado.parquet
- literal:m12_hidr_poscosecha_eval_ratio_dist.parquet
- literal:pred_poscosecha_ml2_hidr_grado_dia_bloque_destino_final.parquet
- literal:fact_hidratacion_real_post_grado_destino.parquet
- literal:audit_hidr_poscosecha_ml2_kpi_global_{ts}.parquet
- literal:audit_hidr_poscosecha_ml2_kpi_by_destino_{ts}.parquet
- literal:audit_hidr_poscosecha_ml2_kpi_by_grado_{ts}.parquet
- literal:audit_hidr_poscosecha_ml2_ratio_dist_{ts}.parquet
- literal:audit_hidr_poscosecha_ml2_examples_10x2_{ts}.parquet
```

```
-----  
SCRIPT: \src\audit\audit_mass_balance_pred_oferta_vs_gold.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\audit\audit_mass_balance_pred_oferta_vs_gold.py  
INPUTS:  
- data/gold/pred_tallos_grado_dia_m11_full.parquet  
- data/preds/pred_oferta_dia.parquet  
OUTPUTS:  
<none detected>  
  
-----  
SCRIPT: \src\audit\audit_peso_tallo_ml2.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\audit\audit_peso_tallo_ml2.py  
INPUTS:  
<none detected>  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- literal:backtest_factor_ml2_peso_tallo_grado_dia.parquet  
- literal:fact_cosecha_real_grado_dia.parquet  
- literal:audit_peso_tallo_ml2_kpi_global_{TS}.parquet  
- literal:audit_peso_tallo_ml2_ratio_dist_{TS}.parquet  
- literal:audit_peso_tallo_ml2_kpi_by_grado_{TS}.parquet  
- literal:audit_peso_tallo_ml2_examples_10x2_{TS}.parquet  
  
-----  
SCRIPT: \src\audit\audit_poscosecha_ml2_baseline.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\audit\audit_poscosecha_ml2_baseline.py  
INPUTS:  
<none detected>  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- literal:ml2_poscosecha_baseline_eval_global.parquet  
- literal:ml2_poscosecha_baseline_eval_by_destino.parquet  
- literal:ml2_poscosecha_baseline_eval_by_grado.parquet  
- literal:ml2_poscosecha_baseline_eval_coverage.parquet  
- literal:pred_poscosecha_ml2_full_grado_dia_bloque_destino.parquet  
- literal:fact_hidratacion_real_post_grado_destino.parquet  
- literal:dim_mermas_ajuste_fecha_post_destino.parquet  
- literal:audit_poscosecha_baseline_kpi_global_{ts}.parquet  
- literal:audit_poscosecha_baseline_kpi_by_destino_{ts}.parquet  
- literal:audit_poscosecha_baseline_kpi_by_grado_{ts}.parquet  
- literal:audit_poscosecha_baseline_coverage_{ts}.parquet  
- literal:audit_poscosecha_baseline_examples_10x2_{ts}.parquet  
  
-----  
SCRIPT: \src\audit\audit_share_grado_ml2.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\audit\audit_share_grado_ml2.py
```

```
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:backtest_factor_ml2_share_grado.parquet
- literal:backtest_pred_tallos_grado_dia_ml2_final.parquet
- literal:fact_cosecha_real_grado_dia.parquet
- literal:pred_tallos_grado_dia_m11_full.parquet
- literal:audit_share_grado_ml2_kpi_global_{STAMP}.parquet
- literal:audit_share_grado_ml2_kpi_by_estado_{STAMP}.parquet
- literal:audit_share_grado_ml2_ratio_dist_{STAMP}.parquet
- literal:audit_share_grado_ml2_sanity_{STAMP}.parquet
- literal:audit_share_grado_ml2_examples_10x2_{STAMP}.parquet

-----
SCRIPT: \src\audit\audit_tallos_curve_ml2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\audit\audit_tallos_curve_ml2.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:backtest_factor_ml2_tallos_curve_dia.parquet
- literal:fact_ciclo_maestro.parquet
- literal:audit_tallos_curve_ml2_kpi_global_{datetime.now():%Y%m%d_%H%M%S}.parquet
- literal:audit_tallos_curve_ml2_kpi_by_estado_{datetime.now():%Y%m%d_%H%M%S}.parquet
- literal:audit_tallos_curve_ml2_adjust_dist_{datetime.now():%Y%m%d_%H%M%S}.parquet
- literal:audit_tallos_curve_ml2_examples_10x2_{datetime.now():%Y%m%d_%H%M%S}.parquet

-----
SCRIPT: \src\bronze\build_balanza_lc_raw.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\bronze\build_balanza_lc_raw.py
INPUTS:
- config/settings.yaml
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- literal:Config: define sources.sql_user y sources.sql_password en settings.yaml
- literal:balanza_lc_raw.parquet

-----
SCRIPT: \src\bronze\build_balanza_cosecha_raw.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\bronze\build_balanza_cosecha_raw.py
INPUTS:
- config/settings.yaml
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- literal:Config: define sources.sql_user y sources.sql_password en settings.yaml
- literal:balanza_cosecha_raw.parquet
```

```
-----  
SCRIPT: \src\bronze\build_balanza_mermas_sources.py  
STAGE : other  
PATH  : C:\Data-LakeHouse\src\bronze\build_balanza_mermas_sources.py  
INPUTS:  
  - config/settings.yaml  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - write_parquet(<dynamic>)  
  - write_parquet(<dynamic>)  
  - literal:Config: define sources.sql_server y sources.sql_db en settings.yaml  
  - literal:Config: define sources.sql_user y sources.sql_password en settings.yaml  
  - literal:balanza_2a_raw.parquet  
  - literal:balanza_2_raw.parquet  
  
-----  
SCRIPT: \src\bronze\build_conteo_tallos_alturas_gyp2419_raw.py  
STAGE : other  
PATH  : C:\Data-LakeHouse\src\bronze\build_conteo_tallos_alturas_gyp2419_raw.py  
INPUTS:  
  - config/settings.yaml  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - write_parquet(<dynamic>)  
  - literal:conteo_tallos_alturas_gyp2419_raw.parquet  
  
-----  
SCRIPT: \src\bronze\build_fenograma_raw.py  
STAGE : other  
PATH  : C:\Data-LakeHouse\src\bronze\build_fenograma_raw.py  
INPUTS:  
  <none detected>  
OUTPUTS:  
  <none detected>  
  
-----  
SCRIPT: \src\bronze\build_fenograma_sources.py  
STAGE : other  
PATH  : C:\Data-LakeHouse\src\bronze\build_fenograma_sources.py  
INPUTS:  
  - config/settings.yaml  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - read_excel(<dynamic>)  
  - read_excel(<dynamic>)  
  - write_parquet(<dynamic>)  
  - write_parquet(<dynamic>)  
  - write_parquet(<dynamic>)  
  - write_parquet(<dynamic>)  
  - write_parquet(<dynamic>)  
  - literal:fenograma_xlsm_raw.parquet  
  - literal:indices_xl_raw.parquet  
  - literal:indices_clo_raw.parquet  
  - literal:balanza_bloque_fecha_raw.parquet  
  
-----  
SCRIPT: \src\bronze\build_ghu_maestro_horas.py  
STAGE : other  
PATH  : C:\Data-LakeHouse\src\bronze\build_ghu_maestro_horas.py  
INPUTS:  
  - config/settings.yaml  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - write_parquet(<dynamic>)  
  - literal:Config: define sources.sql_server en settings.yaml  
  - literal:Config: define sources.sql_user y sources.sql_password en settings.yaml  
  - literal:ghu_maestro_horas.parquet
```

SCRIPT: \src\bronze\build\_personal\_sources.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\bronze\build\_personal\_sources.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- literal:Config: define sources.sql\_server en settings.yaml  
- literal:Config: define sources.sql\_user y sources.sql\_password en settings.yaml  
- literal:personal\_raw.parquet

-----

SCRIPT: \src\bronze\build\_ventas\_sources.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\bronze\build\_ventas\_sources.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- read\_excel(<dynamic>)  
- write\_parquet(<dynamic>)  
- literal:{tag}\_raw.parquet

-----

SCRIPT: \src\bronze\build\_weather\_hour\_a4.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\bronze\build\_weather\_hour\_a4.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- literal:Config: define sources.sql\_server en settings.yaml  
- literal:Config: define sources.sql\_user y sources.sql\_password en settings.yaml  
- literal:weather\_hour\_a4.parquet

-----

SCRIPT: \src\bronze\build\_weather\_hour\_main.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\bronze\build\_weather\_hour\_main.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- literal:Config: define sources.sql\_server en settings.yaml  
- literal:Config: define sources.sql\_user y sources.sql\_password en settings.yaml  
- literal:weather\_hour\_main.parquet

-----

SCRIPT: \src\common\ids.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\common\ids.py  
INPUTS:  
<none detected>  
OUTPUTS:  
<none detected>

-----

SCRIPT: \src\common\io.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\common\io.py  
INPUTS:  
<none detected>  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:

```
- read_parquet(<dynamic>)
- to_parquet(<dynamic>)
- read_excel(<dynamic>)

-----
SCRIPT: \src\common\timegrid.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\common\timegrid.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>

-----
SCRIPT: \src\eval\build_kpis_ajuste_poscosecha_ml2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\eval\build_kpis_ajuste_poscosecha_ml2.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_poscosecha_ml2_ajuste_grado_dia_bloque_destino_final.parquet
- literal:dim_mermas_ajuste_fecha_post_destino.parquet
- literal:ml2_ajuste_poscosecha_eval_global.parquet
- literal:ml2_ajuste_poscosecha_eval_by_destino.parquet
- literal:ml2_ajuste_poscosecha_eval_ratio_dist.parquet

-----
SCRIPT: \src\eval\build_kpis_desp_poscosecha_ml2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\eval\build_kpis_desp_poscosecha_ml2.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_poscosecha_ml2_desp_grado_dia_bloque_destino_final.parquet
- literal:dim_mermas_ajuste_fecha_post_destino.parquet
- literal:ml2_desp_poscosecha_eval_global.parquet
- literal:ml2_desp_poscosecha_eval_by_destino.parquet
- literal:ml2_desp_poscosecha_eval_ratio_dist.parquet

-----
SCRIPT: \src\eval\build_kpis_dh_poscosecha_ml2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\eval\build_kpis_dh_poscosecha_ml2.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_poscosecha_ml2_dh_grado_dia_bloque_destino_final.parquet
- literal:fact_hidratacion_real_post_grado_destino.parquet
- literal:ml2_dh_poscosecha_eval_global.parquet
- literal:ml2_dh_poscosecha_eval_by_destino.parquet
```

```
- literal:ml2_dh_poscosecha_eval_by_grado.parquet
- literal:ml2_dh_poscosecha_eval_delta_dist.parquet

-----
SCRIPT: \src\eval\build_kpis_harvest_horizon_ml2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\eval\build_kpis_harvest_horizon_ml2.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:fact_ciclo_maestro.parquet
- literal:pred_harvest_horizon_final_ml2.parquet
- literal:backtest_pred_harvest_horizon_final_ml2.parquet
- literal:ml2_harvest_horizon_eval_prod.parquet
- literal:ml2_harvest_horizon_eval_backtest.parquet

-----
SCRIPT: \src\eval\build_kpis_harvest_start_ml2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\eval\build_kpis_harvest_start_ml2.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:fact_ciclo_maestro.parquet
- literal:backtest_pred_harvest_start_final_ml2.parquet
- literal:ml2_harvest_start_eval.parquet

-----
SCRIPT: \src\eval\build_kpis_hidr_poscosecha_ml2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\eval\build_kpis_hidr_poscosecha_ml2.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_poscosecha_ml2_hidr_grado_dia_bloque_destino_final.parquet
- literal:fact_hidratacion_real_post_grado_destino.parquet
- literal:ml2_hidr_poscosecha_eval_global.parquet
- literal:ml2_hidr_poscosecha_eval_by_destino.parquet
- literal:ml2_hidr_poscosecha_eval_by_grado.parquet
- literal:ml2_hidr_poscosecha_eval_ratio_dist.parquet

-----
SCRIPT: \src\eval\build_kpis_peso_tallo_ml2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\eval\build_kpis_peso_tallo_ml2.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
```

```
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:backtest_factor_ml2_peso_tallo_grado_dia.parquet
- literal:fact_cosecha_real_grado_dia.parquet
- literal:ml2_peso_tallo_eval_global.parquet
- literal:ml2_peso_tallo_eval_by_estado.parquet
- literal:ml2_peso_tallo_eval_ratio_dist.parquet

-----
SCRIPT: \src\eval\build_kpis_poscosecha_ml2_baseline.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\eval\build_kpis_poscosecha_ml2_baseline.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_poscosecha_ml2_full_grado_dia_bloque_destino.parquet
- literal:fact_hidratacion_real_post_grado_destino.parquet
- literal:dim_mermas_ajuste_fecha_post_destino.parquet
- literal:ml2_poscosecha_baseline_eval_global.parquet
- literal:ml2_poscosecha_baseline_eval_by_destino.parquet
- literal:ml2_poscosecha_baseline_eval_by_grado.parquet
- literal:ml2_poscosecha_baseline_eval_coverage.parquet

-----
SCRIPT: \src\eval\build_kpis_share_grado_ml2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\eval\build_kpis_share_grado_ml2.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:backtest_factor_ml2_share_grado.parquet
- literal:backtest_pred_tallos_grado_dia_ml2_final.parquet
- literal:fact_cosecha_real_grado_dia.parquet
- literal:pred_tallos_grado_dia_ml1_full.parquet
- literal:ml2_share_grado_eval_global.parquet
- literal:ml2_share_grado_eval_by_grado.parquet
- literal:ml2_share_grado_eval_sanity.parquet

-----
SCRIPT: \src\eval\build_kpis_tallos_curve_ml2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\eval\build_kpis_tallos_curve_ml2.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:backtest_factor_ml2_tallos_curve_dia.parquet
- literal:fact_ciclo_maestro.parquet
```

```
- literal:ml2_tallos_curve_eval_global.parquet
- literal:ml2_tallos_curve_eval_by_group.parquet
- literal:ml2_tallos_curve_eval_ratio_dist.parquet
```

---

```
SCRIPT: \src\features\build_features_ciclo_fecha.py
```

```
STAGE : other
```

```
PATH  : C:\Data-LakeHouse\src\features\build_features_ciclo_fecha.py
```

```
INPUTS:
```

```
- config/settings.yaml
```

```
OUTPUTS:
```

```
<none detected>
```

```
UNKNOWN/HINTS:
```

- read\_parquet(<dynamic>)
- read\_parquet(<dynamic>)
- read\_parquet(<dynamic>)
- read\_parquet(<dynamic>)
- write\_parquet(<dynamic>)
- literal:fact\_ciclo\_maestro.parquet
- literal:grid\_ciclo\_fecha.parquet
- literal:fact\_milestones\_ciclo.parquet
- literal:milestone\_window\_ciclo\_final.parquet
- literal:features\_ciclo\_fecha.parquet

---

```
SCRIPT: \src\features\build_features_harvest_window_ml1.py
```

```
STAGE : other
```

```
PATH  : C:\Data-LakeHouse\src\features\build_features_harvest_window_ml1.py
```

```
INPUTS:
```

```
- config/settings.yaml
```

```
OUTPUTS:
```

```
<none detected>
```

```
UNKNOWN/HINTS:
```

- write\_parquet(<dynamic>)
- read\_parquet(<dynamic>)
- literal:fact\_ciclo\_maestro.parquet
- literal:features\_harvest\_window\_ml1.parquet

---

```
SCRIPT: \src\gold\apply_desp_ajuste_poscosecha_ml1_on_ml2_hidr.py
```

```
STAGE : other
```

```
PATH  : C:\Data-LakeHouse\src\gold\apply_desp_ajuste_poscosecha_ml1_on_ml2_hidr.py
```

```
INPUTS:
```

```
<none detected>
```

```
OUTPUTS:
```

```
<none detected>
```

```
UNKNOWN/HINTS:
```

- load(<dynamic>)
- write\_parquet(<dynamic>)
- open(<dynamic>)
- load(<dynamic>)
- read\_parquet(<dynamic>)
- literal:pred\_poscosecha\_ml2\_hidr\_grado\_dia\_bloque\_destino.parquet
- literal:pred\_poscosecha\_ml2\_full\_grado\_dia\_bloque\_destino.parquet
- literal:metrics.json
- literal:model.joblib

---

```
SCRIPT: \src\gold\apply_dh_poscosecha_ml1_on_ml2_seed.py
```

```
STAGE : other
```

```
PATH  : C:\Data-LakeHouse\src\gold\apply_dh_poscosecha_ml1_on_ml2_seed.py
```

```
INPUTS:
```

```
<none detected>
```

```
OUTPUTS:
```

```
<none detected>
```

```
UNKNOWN/HINTS:
```

- load(<dynamic>)
- write\_parquet(<dynamic>)
- open(<dynamic>)
- load(<dynamic>)
- read\_parquet(<dynamic>)
- literal:pred\_poscosecha\_ml2\_seed\_grado\_dia\_bloque\_destino.parquet

```
- literal:pred_poscosecha_ml2_dh_grado_dia_bloque_destino.parquet
- literal:metrics.json
- literal:model.joblib

-----
SCRIPT: \src\gold\apply_hidr_poscosecha_m11_on_ml2_dh.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\gold\apply_hidr_poscosecha_m11_on_ml2_dh.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- load(<dynamic>)
- write_parquet(<dynamic>)
- open(<dynamic>)
- load(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_poscosecha_ml2_dh_grado_dia_bloque_destino.parquet
- literal:pred_poscosecha_ml2_hidr_grado_dia_bloque_destino.parquet
- literal:metrics.json
- literal:model.joblib

-----
SCRIPT: \src\gold\build_ds_ajuste_poscosecha_ml2_v1.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\gold\build_ds_ajuste_poscosecha_ml2_v1.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_poscosecha_ml2_desp_grado_dia_bloque_destino_final.parquet
- literal:dim_mermas_ajuste_fecha_post_destino.parquet
- literal:ds_ajuste_poscosecha_ml2_v1.parquet

-----
SCRIPT: \src\gold\build_ds_desp_poscosecha_ml2_v1.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\gold\build_ds_desp_poscosecha_ml2_v1.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_poscosecha_ml2_hidr_grado_dia_bloque_destino_final.parquet
- literal:dim_mermas_ajuste_fecha_post_destino.parquet
- literal:ds_desp_poscosecha_ml2_v1.parquet

-----
SCRIPT: \src\gold\build_ds_dh_poscosecha_ml2_v1.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\gold\build_ds_dh_poscosecha_ml2_v1.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_poscosecha_ml2_seed_grado_dia_bloque_destino.parquet
- literal:pred_poscosecha_ml2_dh_grado_dia_bloque_destino.parquet
- literal:fact_hidratacion_real_post_grado_destino.parquet
- literal:ds_dh_poscosecha_ml2_v1.parquet
```

```
-----  
SCRIPT: \src\gold\build_ds_harvest_horizon_ml2_v2.py  
STAGE : other  
PATH  : C:\Data-LakeHouse\src\gold\build_ds_harvest_horizon_ml2_v2.py  
INPUTS:  
  <none detected>  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - write_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - literal:fact_ciclo_maestro.parquet  
  - literal:universe_harvest_grid_m11.parquet  
  - literal:dim_clima_bloque_dia.parquet  
  - literal:factor_ml2_harvest_start.parquet  
  - literal:ds_harvest_horizon_ml2_v2.parquet  
  
-----  
SCRIPT: \src\gold\build_ds_harvest_start_ml2_v2.py  
STAGE : other  
PATH  : C:\Data-LakeHouse\src\gold\build_ds_harvest_start_ml2_v2.py  
INPUTS:  
  <none detected>  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - write_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - literal:fact_ciclo_maestro.parquet  
  - literal:universe_harvest_grid_m11.parquet  
  - literal:dim_clima_bloque_dia.parquet  
  - literal:ds_harvest_start_ml2_v2.parquet  
  
-----  
SCRIPT: \src\gold\build_ds_hidr_poscosecha_ml2_v1.py  
STAGE : other  
PATH  : C:\Data-LakeHouse\src\gold\build_ds_hidr_poscosecha_ml2_v1.py  
INPUTS:  
  <none detected>  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - write_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - literal:pred_poscosecha_ml2_full_grado_dia_bloque_destino.parquet  
  - literal:pred_poscosecha_ml2_dh_grado_dia_bloque_destino_final.parquet  
  - literal:fact_hidratacion_real_post_grado_destino.parquet  
  - literal:ds_hidr_poscosecha_ml2_v1.parquet  
  
-----  
SCRIPT: \src\gold\build_ds_peso_tallo_ml2_v1.py  
STAGE : other  
PATH  : C:\Data-LakeHouse\src\gold\build_ds_peso_tallo_ml2_v1.py  
INPUTS:  
  <none detected>  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - write_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - read_parquet(<dynamic>)
```

```
- read_parquet(<dynamic>)
- literal:universe_harvest_grid_ml2.parquet
- literal:dim_clima_bloque_dia.parquet
- literal:pred_peso_tallo_grado_m11.parquet
- literal:pred_peso_tallo_grado_m11_full.parquet
- literal:fact_peso_tallo_real_grado_dia.parquet
- literal:fact_kg_real_grado_dia.parquet
- literal:fact_cosecha_real_grado_dia.parquet
- literal:ds_peso_tallo_ml2_v1.parquet

-----
SCRIPT: \src\gold\build_ds_share_grado_ml2_v1.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\gold\build_ds_share_grado_ml2_v1.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:universe_harvest_grid_ml2.parquet
- literal:pred_tallos_grado_dia_m11_full.parquet
- literal:fact_cosecha_real_grado_dia.parquet
- literal:dim_clima_bloque_dia.parquet
- literal:ds_share_grado_ml2_v1.parquet

-----
SCRIPT: \src\gold\build_ds_tallos_curve_ml2_v2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\gold\build_ds_tallos_curve_ml2_v2.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:universe_harvest_grid_ml2.parquet
- literal:fact_cosecha_real_grado_dia.parquet
- literal:pred_tallos_grado_dia_m11_full.parquet
- literal:dim_clima_bloque_dia.parquet
- literal:ds_tallos_curve_ml2_v2.parquet

-----
SCRIPT: \src\gold\build_pred_kg_cajas_ml2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\gold\build_pred_kg_cajas_ml2.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:backtest_pred_tallos_grado_dia_ml2_final.parquet
- literal:backtest_pred_peso_tallo_grado_dia_ml2_final.parquet
- literal:pred_tallos_grado_dia_ml2_full.parquet
```

```
- literal:pred_peso_tallo_grado_dia_ml2_full.parquet
- literal:pred_kg_grado_dia_ml1_full.parquet
- literal:pred_cajas_grado_dia_ml1_full.parquet
- literal:pred_kg_grado_dia_ml2_full.parquet
- literal:pred_kg_dia_ml2_full.parquet
- literal:pred_cajas_grado_dia_ml2_full.parquet
- literal:pred_cajas_dia_ml2_full.parquet
```

```
-----  
SCRIPT: \src\gold\build_pred_poscosecha_ml2_final_views.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\gold\build_pred_poscosecha_ml2_final_views.py  
INPUTS:
```

```
  <none detected>  
OUTPUTS:
```

```
  <none detected>
```

```
UNKNOWN/HINTS:
```

```
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_poscosecha_ml2_ajuste_grado_dia_bloque_destino_final.parquet
- literal:pred_poscosecha_ml2_final_full_grado_dia_bloque_destino.parquet
- literal:pred_poscosecha_ml2_final_dia_bloque_destino.parquet
- literal:pred_poscosecha_ml2_final_dia_destino.parquet
- literal:pred_poscosecha_ml2_final_dia_total.parquet
```

```
-----  
SCRIPT: \src\gold\build_pred_poscosecha_ml2_seed_mix_grado_dia.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\gold\build_pred_poscosecha_ml2_seed_mix_grado_dia.py  
INPUTS:
```

```
  <none detected>
```

```
OUTPUTS:
```

```
  <none detected>
```

```
UNKNOWN/HINTS:
```

```
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_cajas_grado_dia_ml2_full.parquet
- literal:dim_mix_proceso_semana.parquet
- literal:pred_poscosecha_ml2_seed_grado_dia_bloque_destino.parquet
- literal:pred_poscosecha_ml2_seed_dia_destino.parquet
- literal:pred_poscosecha_ml2_seed_dia_total.parquet
```

```
-----  
SCRIPT: \src\gold\build_pred_poscosecha_ml2_views_from_full.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\gold\build_pred_poscosecha_ml2_views_from_full.py  
INPUTS:
```

```
  <none detected>
```

```
OUTPUTS:
```

```
  <none detected>
```

```
UNKNOWN/HINTS:
```

```
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_poscosecha_ml2_full_grado_dia_bloque_destino.parquet
- literal:pred_poscosecha_ml2_ml1_dia_bloque_destino.parquet
- literal:pred_poscosecha_ml2_ml1_dia_destino.parquet
- literal:pred_poscosecha_ml2_ml1_dia_total.parquet
```

```
-----  
SCRIPT: \src\gold\build_pred_tallos_grado_dia_ml1.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\gold\build_pred_tallos_grado_dia_ml1.py  
INPUTS:
```

```
  - data/features/features_curva_cosecha_bloque_dia.parquet
```

```
- data/gold/pred_dist_grado_ml1.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- literal:data/gold/pred_tallos_grado_dia_ml1.parquet

-----
SCRIPT: \src\gold\build_pred_tallos_ml2_full.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\gold\build_pred_tallos_ml2_full.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:backtest_pred_tallos_grado_dia_ml2_final.parquet
- literal:pred_tallos_grado_dia_ml2_full.parquet
- literal:pred_tallos_dia_ml2_full.parquet

-----
SCRIPT: \src\gold\build_universe_harvest_grid_ml2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\gold\build_universe_harvest_grid_ml2.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:universe_harvest_grid_ml1.parquet
- literal:pred_harvest_start_final_ml2.parquet
- literal:pred_harvest_horizon_final_ml2.parquet
- literal:universe_harvest_grid_ml2.parquet

-----
SCRIPT: \src\models\ml1\apply_curva_share_dia.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\models\ml1\apply_curva_share_dia.py
INPUTS:
- data/features/features_cosecha_bloque_dia.parquet
- data/gold/universe_harvest_grid_ml1.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- load(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- open(<dynamic>)
- load(<dynamic>)
- literal:data/gold/pred_factor_curva_ml1.parquet
- literal:cap_floor_share_by_renpos.parquet
- literal:cap_floor_share_by_renpos_global.parquet
- literal:metrics.json
- literal:model_curva_share_dia.joblib

-----
SCRIPT: \src\models\ml1\apply_curva_tallos_dia.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\models\ml1\apply_curva_tallos_dia.py
INPUTS:
- data/features/features_cosecha_bloque_dia.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
```

```
- load(<dynamic>)
- write_parquet(<dynamic>)
- open(<dynamic>)
- load(<dynamic>)
- literal:data/gold/pred_factor_curva_ml1.parquet
- literal:metrics.json
- literal:model_curva_tallos_dia.joblib

-----
SCRIPT: \src\models\ml1\apply_dist_grado.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\models\ml1\apply_dist_grado.py
INPUTS:
- data/features/features_cosecha_bloque_fecha.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- open(<dynamic>)
- load(<dynamic>)
- load(<dynamic>)
- literal:data/gold/pred_dist_grado_ml1.parquet
- literal:metrics.json
- literal:model_grade_{g_int}.joblib

-----
SCRIPT: \src\models\ml1\apply_harvest_window_ml1.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\models\ml1\apply_harvest_window_ml1.py
INPUTS:
- data/features/features_harvest_window_ml1.parquet
- data/silver/dim_mediana_etapas_tipo_sp_variedad_area.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- load(<dynamic>)
- load(<dynamic>)
- write_parquet(<dynamic>)
- open(<dynamic>)
- load(<dynamic>)
- literal:data/gold/pred_harvest_window_ml1.parquet
- literal:metrics.json
- literal:model_start_offset.joblib
- literal:model_harvest_days.joblib

-----
SCRIPT: \src\models\ml1\apply_peso_tallo_grado.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\models\ml1\apply_peso_tallo_grado.py
INPUTS:
- data/features/features_peso_tallo_grado_bloque_dia.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- open(<dynamic>)
- load(<dynamic>)
- load(<dynamic>)
- literal:data/gold/pred_peso_tallo_grado_ml1.parquet
- literal:metrics.json
- literal:model_grade_{g}.joblib

-----
SCRIPT: \src\models\ml1\train_curva_beta_multiplier_dia.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\models\ml1\train_curva_beta_multiplier_dia.py
INPUTS:
- data/features/trainset_curva_beta_multiplier_dia.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- dump(<dynamic>)
```

```
- open(<dynamic>)
- dump(<dynamic>)
- literal:model_log_mult.joblib
- literal:metrics.json

-----
SCRIPT: \src\models\ml1\train_curva_beta_params.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\models\ml1\train_curva_beta_params.py
INPUTS:
- data/features/trainset_curva_beta_params.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- dump(<dynamic>)
- dump(<dynamic>)
- open(<dynamic>)
- dump(<dynamic>)
- literal:model_alpha.joblib
- literal:model_beta.joblib
- literal:metrics.json

-----
SCRIPT: \src\models\ml1\train_curva_tallos_dia.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\models\ml1\train_curva_tallos_dia.py
INPUTS:
- data/features/features_cosecha_bloque_dia.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- dump(<dynamic>)
- open(<dynamic>)
- dump(<dynamic>)
- literal:model_curva_tallos_dia.joblib
- literal:metrics.json

-----
SCRIPT: \src\models\ml1\train_dist_grado.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\models\ml1\train_dist_grado.py
INPUTS:
- data/features/features_cosecha_bloque_fecha.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- dump(<dynamic>)
- open(<dynamic>)
- dump(<dynamic>)
- literal:model_grade_{str(int(g))}.joblib
- literal:metrics.json

-----
SCRIPT: \src\models\ml1\train_harvest_window_ml1.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\models\ml1\train_harvest_window_ml1.py
INPUTS:
- data/features/features_harvest_window_ml1.parquet
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- dump(<dynamic>)
- dump(<dynamic>)
- open(<dynamic>)
- dump(<dynamic>)
- literal:model_start_offset.joblib
- literal:model_harvest_days.joblib
- literal:metrics.json

-----
SCRIPT: \src\models\ml1\train_peso_tallo_grado.py
STAGE : other
```

PATH : C:\Data-LakeHouse\src\models\ml1\train\_peso\_tallo\_grado.py  
INPUTS:  
- data/features/features\_peso\_tallo\_grado\_bloque\_dia.parquet  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- dump(<dynamic>)  
- open(<dynamic>)  
- dump(<dynamic>)  
- open(<dynamic>)  
- dump(<dynamic>)  
- dump(<dynamic>)  
- open(<dynamic>)  
- dump(<dynamic>)  
- dump(<dynamic>)  
- dump(<dynamic>)  
- literal:metrics.json  
- literal:[WARN] No hay grados en features. OK -> {out\_dir}/metrics.json  
- literal:model\_grade\_{g}.joblib

---

SCRIPT: \src\models\ml2\apply\_ajuste\_poscosecha\_ml2.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\models\ml2\apply\_ajuste\_poscosecha\_ml2.py  
INPUTS:  
<none detected>  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- load(<dynamic>)  
- write\_parquet(<dynamic>)  
- write\_parquet(<dynamic>)  
- open(<dynamic>)  
- load(<dynamic>)  
- read\_parquet(<dynamic>)  
- literal:pred\_poscosecha\_ml2\_desp\_grado\_dia\_bloque\_destino\_final.parquet  
- literal:pred\_poscosecha\_ml2\_ajuste\_grado\_dia\_bloque\_destino\_final.parquet  
- literal:backtest\_factor\_ml2\_ajuste\_poscosecha.parquet  
- literal:{prefix}\*.pkl  
- literal:\_meta.json

---

SCRIPT: \src\models\ml2\apply\_desp\_poscosecha\_ml2.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\models\ml2\apply\_desp\_poscosecha\_ml2.py  
INPUTS:  
<none detected>  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- load(<dynamic>)  
- write\_parquet(<dynamic>)  
- write\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)  
- literal:pred\_poscosecha\_ml2\_hidr\_grado\_dia\_bloque\_destino\_final.parquet  
- literal:backtest\_factor\_ml2\_desp\_poscosecha.parquet  
- literal:pred\_poscosecha\_ml2\_desp\_grado\_dia\_bloque\_destino\_final.parquet  
- literal:{prefix}/\*.pkl  
- literal:No encuentro modelos en {MODELS} con prefijo {prefix}/\*.pkl

---

SCRIPT: \src\models\ml2\apply\_dh\_poscosecha\_ml2.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\models\ml2\apply\_dh\_poscosecha\_ml2.py  
INPUTS:  
<none detected>  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- load(<dynamic>)  
- write\_parquet(<dynamic>)

```
- write_parquet(<dynamic>)
- open(<dynamic>)
- load(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_poscosecha_ml2_full_grado_dia_bloque_destino.parquet
- literal:backtest_factor_ml2_dh_poscosecha.parquet
- literal:pred_poscosecha_ml2_dh_grado_dia_bloque_destino_final.parquet
- literal:{prefix}_*.pkl
- literal:No hay modelos en {MODELS} con prefijo {prefix}_*.pkl
- literal:_meta.json
```

```
-----  
SCRIPT: \src\models\ml2\apply_harvest_horizon_ml2.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\models\ml2\apply_harvest_horizon_ml2.py
```

INPUTS:

```
<none detected>
```

OUTPUTS:

```
<none detected>
```

UNKNOWN/HINTS:

```
- load(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:fact_ciclo_maestro.parquet
- literal:universe_harvest_grid_m11.parquet
- literal:dim_clima_bloque_dia.parquet
- literal:pred_harvest_start_final_ml2.parquet
- literal:factor_ml2_harvest_start.parquet
- literal:backtest_pred_harvest_start_final_ml2.parquet
- literal:backtest_factor_ml2_harvest_start.parquet
- literal:factor_ml2_harvest_horizon.parquet
- literal:pred_harvest_horizon_final_ml2.parquet
- literal:backtest_factor_ml2_harvest_horizon.parquet
- literal:backtest_pred_harvest_horizon_final_ml2.parquet
- literal:harvest_horizon_ml2_*_meta.json
- literal:]}].pkl
```

```
-----  
SCRIPT: \src\models\ml2\apply_harvest_start_ml2.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\models\ml2\apply_harvest_start_ml2.py
```

INPUTS:

```
<none detected>
```

OUTPUTS:

```
<none detected>
```

UNKNOWN/HINTS:

```
- load(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:fact_ciclo_maestro.parquet
- literal:universe_harvest_grid_m11.parquet
- literal:dim_clima_bloque_dia.parquet
- literal:factor_ml2_harvest_start.parquet
- literal:pred_harvest_start_final_ml2.parquet
- literal:backtest_factor_ml2_harvest_start.parquet
- literal:backtest_pred_harvest_start_final_ml2.parquet
- literal:harvest_start_ml2_*_meta.json
- literal:]}].pkl
```

SCRIPT: \src\models\ml2\apply\_hidr\_poscosecha\_ml2.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\models\ml2\apply\_hidr\_poscosecha\_ml2.py  
INPUTS:  
  <none detected>  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - load(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - open(<dynamic>)  
  - load(<dynamic>)  
  - read\_parquet(<dynamic>)  
  - literal:pred\_poscosecha\_ml2\_dh\_grado\_dia\_bloque\_destino\_final.parquet  
  - literal:backtest\_factor\_ml2\_hidr\_poscosecha.parquet  
  - literal:pred\_poscosecha\_ml2\_hidr\_grado\_dia\_bloque\_destino\_final.parquet  
  - literal:{prefix}\_\*.pkl  
  - literal:No hay modelos en {MODELS} con prefijo {prefix}\_\*.pkl  
  - literal:\_meta.json

-----  
SCRIPT: \src\models\ml2\apply\_peso\_tallo\_ml2.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\models\ml2\apply\_peso\_tallo\_ml2.py  
INPUTS:  
  <none detected>  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - load(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - read\_parquet(<dynamic>)  
  - literal:ds\_peso\_tallo\_ml2\_v1.parquet  
  - literal:factor\_ml2\_peso\_tallo\_grado\_dia.parquet  
  - literal:pred\_peso\_tallo\_grado\_dia\_ml2\_final.parquet  
  - literal:backtest\_factor\_ml2\_peso\_tallo\_grado\_dia.parquet  
  - literal:backtest\_pred\_peso\_tallo\_grado\_dia\_ml2\_final.parquet  
  - literal:peso\_tallo\_ml2\_\*\_meta.json  
  - literal:]\*.pkl

-----  
SCRIPT: \src\models\ml2\apply\_share\_grado\_ml2.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\models\ml2\apply\_share\_grado\_ml2.py  
INPUTS:  
  <none detected>  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - load(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - read\_parquet(<dynamic>)  
  - read\_parquet(<dynamic>)  
  - literal:ds\_share\_grado\_ml2\_v1.parquet  
  - literal:backtest\_pred\_tallos\_dia\_ml2\_final.parquet  
  - literal:backtest\_factor\_ml2\_share\_grado.parquet  
  - literal:backtest\_pred\_tallos\_grado\_dia\_ml2\_final.parquet  
  - literal:factor\_ml2\_share\_grado.parquet  
  - literal:pred\_tallos\_grado\_dia\_ml2\_final.parquet  
  - literal:share\_grado\_ml2\_\*\_meta.json  
  - literal:]\*.pkl  
  - literal:No encuentro columna de tallos total en backtest\_pred\_tallos\_dia\_ml2\_final.parquet

-----  
SCRIPT: \src\models\ml2\apply\_tallos\_curve\_ml2.py

STAGE : other  
PATH : C:\Data-LakeHouse\src\models\ml2\apply\_tallos\_curve\_ml2.py  
INPUTS:  
  <none detected>  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - load(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - read\_parquet(<dynamic>)  
  - read\_parquet(<dynamic>)  
  - read\_parquet(<dynamic>)  
  - read\_parquet(<dynamic>)  
  - literal:universe\_harvest\_grid\_ml2.parquet  
  - literal:pred\_tallos\_grado\_dia\_m11\_full.parquet  
  - literal:fact\_cosecha\_real\_grado\_dia.parquet  
  - literal:dim\_clima\_bloque\_dia.parquet  
  - literal:factor\_ml2\_tallos\_curve\_dia.parquet  
  - literal:pred\_tallos\_dia\_ml2\_final.parquet  
  - literal:backtest\_factor\_ml2\_tallos\_curve\_dia.parquet  
  - literal:backtest\_pred\_tallos\_dia\_ml2\_final.parquet  
  - literal:tallos\_curve\_ml2\_\*\_meta.json  
  - literal:]} .pkl

---

SCRIPT: \src\models\ml2\train\_ajuste\_poscosecha\_ml2.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\models\ml2\train\_ajuste\_poscosecha\_ml2.py  
INPUTS:  
  <none detected>  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - dump(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - open(<dynamic>)  
  - dump(<dynamic>)  
  - read\_parquet(<dynamic>)  
  - literal:ds\_ajuste\_poscosecha\_ml2\_v1.parquet  
  - literal:ajuste\_poscosecha\_ml2\_{ts}\_{tag}.pkl  
  - literal:ajuste\_poscosecha\_ml2\_{ts}\_{tag}\_meta.json  
  - literal:m12\_ajuste\_poscosecha\_train\_val.parquet

---

SCRIPT: \src\models\ml2\train\_desp\_poscosecha\_ml2.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\models\ml2\train\_desp\_poscosecha\_ml2.py  
INPUTS:  
  <none detected>  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - dump(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - open(<dynamic>)  
  - dump(<dynamic>)  
  - read\_parquet(<dynamic>)  
  - literal:ds\_desp\_poscosecha\_ml2\_v1.parquet  
  - literal:m12\_desp\_poscosecha\_train\_val.parquet  
  - literal:desp\_poscosecha\_ml2\_{ts}\_{fp}.pkl  
  - literal:desp\_poscosecha\_ml2\_{ts}\_{fp}\_meta.json

---

SCRIPT: \src\models\ml2\train\_dh\_poscosecha\_ml2.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\models\ml2\train\_dh\_poscosecha\_ml2.py  
INPUTS:  
  <none detected>  
OUTPUTS:

```
<none detected>
UNKNOWN/HINTS:
- dump(<dynamic>)
- write_parquet(<dynamic>)
- open(<dynamic>)
- dump(<dynamic>)
- read_parquet(<dynamic>)
literal:ds_dh_poscosecha_ml2_v1.parquet
literal:{run_id}.pkl
literal:{run_id}_meta.json
literal:ml2_dh_poscosecha_train_val.parquet

-----
SCRIPT: \src\models\ml2\train_harvest_horizon_ml2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\models\ml2\train_harvest_horizon_ml2.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- dump(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
literal:ds_harvest_horizon_ml2_v2.parquet
literal:harvest_horizon_ml2_{run_id}.pkl
literal:harvest_horizon_ml2_{run_id}_meta.json
literal:ml2_harvest_horizon_train_cv.parquet

-----
SCRIPT: \src\models\ml2\train_harvest_start_ml2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\models\ml2\train_harvest_start_ml2.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- dump(<dynamic>)
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
literal:ds_harvest_start_ml2_v2.parquet
literal:ml2_harvest_start_train_cv.parquet
literal:harvest_start_ml2_{run_id}.pkl
literal:harvest_start_ml2_{run_id}_meta.json

-----
SCRIPT: \src\models\ml2\train_hidr_poscosecha_ml2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\models\ml2\train_hidr_poscosecha_ml2.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- dump(<dynamic>)
- write_parquet(<dynamic>)
- open(<dynamic>)
- dump(<dynamic>)
- read_parquet(<dynamic>)
literal:ds_hidr_poscosecha_ml2_v1.parquet
literal:hidr_poscosecha_ml2_{ts}_{uid}.pkl
literal:hidr_poscosecha_ml2_{ts}_{uid}_meta.json
literal:ml2_hidr_poscosecha_train_val.parquet

-----
SCRIPT: \src\models\ml2\train_peso_tallo_ml2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\models\ml2\train_peso_tallo_ml2.py
INPUTS:
<none detected>
```

OUTPUTS:  
  <none detected>

UNKNOWN/HINTS:  
  - dump(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - read\_parquet(<dynamic>)  
  - read\_parquet(<dynamic>)  
  - literal:ds\_peso\_tallo\_ml2\_v1.parquet  
  - literal:peso\_tallo\_ml2\_{run\_id}.pkl  
  - literal:peso\_tallo\_ml2\_{run\_id}\_meta.json  
  - literal:ml2\_peso\_tallo\_train\_cv.parquet

-----

SCRIPT: \src\models\ml2\train\_share\_grado\_ml2.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\models\ml2\train\_share\_grado\_ml2.py  
INPUTS:  
  <none detected>

OUTPUTS:  
  <none detected>

UNKNOWN/HINTS:  
  - dump(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - read\_parquet(<dynamic>)  
  - read\_parquet(<dynamic>)  
  - literal:ds\_share\_grado\_ml2\_v1.parquet  
  - literal:share\_grado\_ml2\_{run\_id}.pkl  
  - literal:share\_grado\_ml2\_{run\_id}\_meta.json  
  - literal:ml2\_share\_grado\_train\_cv.parquet

-----

SCRIPT: \src\models\ml2\train\_tallos\_curve\_ml2.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\models\ml2\train\_tallos\_curve\_ml2.py  
INPUTS:  
  <none detected>

OUTPUTS:  
  <none detected>

UNKNOWN/HINTS:  
  - dump(<dynamic>)  
  - write\_parquet(<dynamic>)  
  - read\_parquet(<dynamic>)  
  - read\_parquet(<dynamic>)  
  - literal:ds\_tallos\_curve\_ml2\_v2.parquet  
  - literal:tallos\_curve\_ml2\_{run\_id}.pkl  
  - literal:tallos\_curve\_ml2\_{run\_id}\_meta.json  
  - literal:ml2\_tallos\_curve\_train\_cv.parquet

-----

SCRIPT: \src\ops\io.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\ops\io.py  
INPUTS:  
  <none detected>

OUTPUTS:  
  <none detected>

UNKNOWN/HINTS:  
  - literal:config/settings.yaml

-----

SCRIPT: \src\ops\registry.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\ops\registry.py  
INPUTS:  
  <none detected>

OUTPUTS:  
  <none detected>

UNKNOWN/HINTS:  
  - literal:bronze/balanza\_cosecha\_raw.parquet  
  - literal:bronze/balanza\_1c\_raw.parquet  
  - literal:bronze/balanza\_2\_raw.parquet  
  - literal:bronze/balanza\_2a\_raw.parquet

```
- literal:bronze/balanza_bloque_fecha_raw.parquet
- literal:bronze/fenograma_xlsm_raw.parquet
- literal:bronze/indices_clo_raw.parquet
- literal:bronze/indices_xl_raw.parquet
- literal:bronze/ghu_maestro_horas.parquet
- literal:bronze/personal_raw.parquet
- literal:bronze/ventas_2025_raw.parquet
- literal:bronze/ventas_2026_raw.parquet
- literal:bronze/weather_hour_main.parquet
- literal:bronze/weather_hour_a4.parquet
- literal:silver/weather_hour_estado.parquet
- literal:silver/weather_hour_wide.parquet
- literal:silver/fact_ciclo_maestro.parquet
- literal:silver/grid_ciclo_fecha.parquet
- literal:silver/fact_hidratacion_real_post_grado_destino.parquet
- literal:silver/dim_hidratacion_dh_grado_destino.parquet
- literal:silver/dim_hidratacion_fecha_post_grado_destino.parquet
- literal:silver/fact_cosecha_real_grado_dia.parquet
- literal:silver/fact_peso_tallo_real_grado_dia.parquet
- literal:silver/fact_cosecha_uph_hora_clima.parquet
- literal:silver/dim_dist_grado_baseline.parquet
- literal:silver/dim_peso_tallo_baseline.parquet
- literal:silver/dim_peso_tallo_promedio_dia.parquet
- literal:silver/dim_factor_uph_cosecha_clima.parquet
- literal:silver/dim_mermas_ajuste_fecha_post_destino.parquet
- literal:silver/dim_dh_baseline_grado_destino.parquet
- literal:silver/dim_hidratacion_fecha_cosecha_grado_destino.parquet
- literal:silver/dim_hidratacion_baseline_grado_destino.parquet
- literal:silver/dim_variedad_canon.parquet
- literal:silver/dim_clima_bloque_dia.parquet
- literal:silver/dim_estado_termico_cultivo_bloque_fecha.parquet
- literal:silver/dim_mix_proceso_semana.parquet
- literal:silver/fact_capacidad_proceso_hist.parquet
- literal:silver/dim_capacidad_baseline_proceso.parquet
- literal:silver/dim_baseline_capacidad_tallos_h_persona.parquet
- literal:silver/dim_capacidad_baseline_tallos_proceso.parquet
... (70 more)
```

---

```
-----  
SCRIPT: \src\ops\runner.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\ops\runner.py  
INPUTS:  
  <none detected>  
OUTPUTS:  
  <none detected>
```

---

```
-----  
SCRIPT: \src\ops\validators.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\ops\validators.py  
INPUTS:  
  <none detected>  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - read_parquet(<dynamic>)
```

---

```
-----  
SCRIPT: \src\preds\build_capacidad_cosecha_dia.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\preds\build_capacidad_cosecha_dia.py  
INPUTS:  
  - config/settings.yaml  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - read_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - write_parquet(<dynamic>)
```

```
- read_parquet(<dynamic>)
- literal:pred_tallos_cosecha_dia.parquet
- literal:dim_factor_uph_cosecha_clima.parquet
- literal:dim_baseline_uph_cosecha.parquet
- literal:weather_hour_wide.parquet
- literal:pred_peso_grado.parquet
- literal:capacidad_cosecha_dia.parquet

-----
SCRIPT: \src\preds\build_pred_cajas_from_peso_final.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\preds\build_pred_cajas_from_peso_final.py
INPUTS:
- config/settings.yaml
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_peso_final_ajustado_grado.parquet
- literal:pred_cajas_grado.parquet
- literal:pred_cajas_dia.parquet

-----
SCRIPT: \src\preds\build_pred_horas_poscosecha.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\preds\build_pred_horas_poscosecha.py
INPUTS:
- config/settings.yaml
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_peso_final_ajustado_grado.parquet
- literal:pred_peso_final_grado_dia.parquet
- literal:pred_peso_grado.parquet
- literal:pred_oferta_grado.parquet
- literal:pred_oferta_dia.parquet
- literal:dim_baseline_capacidad_kg_h_persona.parquet
- literal:dim_capacidad_baseline_proceso.parquet
- literal:dim_capacidad_baseline_kg_h_persona.parquet
- literal:dim_baseline_capacidad_proceso_kg_h_persona.parquet
- literal:dim_baseline_capacidad_tallos_h_persona.parquet
- literal:dim_capacidad_baseline_tallos_proceso.parquet
- literal:dim_capacidad_baseline_tallos_h_persona.parquet
- literal:dim_mix_proceso_semana.parquet
- literal:dim_peso_tallo_promedio_dia.parquet
- literal:pred_horas_poscosecha_dia.parquet

-----
SCRIPT: \src\preds\build_pred_milestones_baseline.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\preds\build_pred_milestones_baseline.py
INPUTS:
- config/settings.yaml
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:fact_ciclo_maestro.parquet
- literal:pred_milestones_ciclo.parquet

-----
SCRIPT: \src\preds\build_pred_oferta_dia.py
STAGE : other
```

PATH : C:\Data-LakeHouse\src\preds\build\_pred\_oferta\_dia.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)  
- literal:fact\_ciclo\_maestro.parquet  
- literal:milestone\_window\_ciclo\_final.parquet  
- literal:pred\_oferta\_dia.parquet

---

SCRIPT: \src\preds\build\_pred\_oferta\_grado.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\preds\build\_pred\_oferta\_grado.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)  
- literal:pred\_oferta\_dia.parquet  
- literal:dim\_dist\_grado\_baseline.parquet  
- literal:pred\_oferta\_grado.parquet

---

SCRIPT: \src\preds\build\_pred\_peso\_final\_ajustado\_grado.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\preds\build\_pred\_peso\_final\_ajustado\_grado.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)  
- literal:pred\_peso\_hidratado\_grado.parquet  
- literal:dim\_mermas\_ajuste\_fecha\_post\_destino.parquet  
- literal:pred\_peso\_final\_ajustado\_grado.parquet

---

SCRIPT: \src\preds\build\_pred\_peso\_grado.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\preds\build\_pred\_peso\_grado.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)  
- literal:pred\_oferta\_grado.parquet  
- literal:dim\_peso\_tallo\_baseline.parquet  
- literal:pred\_peso\_grado.parquet

---

SCRIPT: \src\preds\build\_pred\_peso\_hidratado\_grado.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\preds\build\_pred\_peso\_hidratado\_grado.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)

```
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:pred_peso_grado.parquet
- literal:dim_hidratacion_dh_grado_destino.parquet
- literal:fact_hidratacion_real_post_grado_destino.parquet
- literal:pred_peso_hidratado_grado.parquet
```

```
-----  
SCRIPT: \src\preds\build_pred_plan_horas_dia.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\preds\build_pred_plan_horas_dia.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- read_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- literal:capacidad_cosecha_dia.parquet  
- literal:pred_horas_poscosecha_dia.parquet  
- literal:pred_peso_grado.parquet  
- literal:pred_plan_horas_dia.parquet
```

```
-----  
SCRIPT: \src\preds\build_pred_tallos_cosecha_dia.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\preds\build_pred_tallos_cosecha_dia.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- read_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- to_parquet(<dynamic>)  
- literal:pred_peso_grado.parquet  
- literal:pred_oferta_grado.parquet  
- literal:pred_oferta_dia.parquet  
- literal:pred_tallos_cosecha_dia.parquet
```

```
-----  
SCRIPT: \src\run_pipeline.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\run_pipeline.py  
INPUTS:  
<none detected>  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- literal:config/settings.yaml
```

```
-----  
SCRIPT: \src\silver\build_ciclo_maestro_from_fenograma.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\silver\build_ciclo_maestro_from_fenograma.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- read_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- literal:fenograma_xlsm_raw.parquet  
- literal:balanza_bloque_fecha_raw.parquet  
- literal:indices_xl_raw.parquet  
- literal:indices_clo_raw.parquet
```

```
- literal:fact_ciclo_maestro.parquet
- literal:grid_ciclo_fecha.parquet
```

```
-----  
SCRIPT: \src\silver\build_ciclo_maestro_from_sources.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\silver\build_ciclo_maestro_from_sources.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- read_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- literal:fenograma_xlsm_raw.parquet  
- literal:balance_bloque_fecha_raw.parquet  
- literal:indices_xl_raw.parquet  
- literal:indices_clo_raw.parquet  
- literal:fact_ciclo_maestro.parquet  
- literal:grid_ciclo_fecha.parquet
```

```
-----  
SCRIPT: \src\silver\build_dim_baseline_capacidad_tallos_h_persona.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\silver\build_dim_baseline_capacidad_tallos_h_persona.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- read_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- literal:ghu_maestro_horas.parquet  
- literal:personal_raw.parquet  
- literal:dim_baseline_capacidad_tallos_h_persona.parquet
```

```
-----  
SCRIPT: \src\silver\build_dim_capacidad_baseline_tallos_proceso.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\silver\build_dim_capacidad_baseline_tallos_proceso.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- read_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- literal:ghu_maestro_horas.parquet  
- literal:personal_raw.parquet  
- literal:fact_capacidad_tallos_proceso_hist.parquet  
- literal:dim_capacidad_baseline_tallos_proceso.parquet
```

```
-----  
SCRIPT: \src\silver\build_dim_dh_baseline_grado_destino.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\silver\build_dim_dh_baseline_grado_destino.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- literal:fact_hidratacion_real_post_grado_destino.parquet  
- literal:dim_dh_baseline_grado_destino.parquet
```

```
-----  
SCRIPT: \src\silver\build_dim_dist_grado_baseline.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\silver\build_dim_dist_grado_baseline.py  
INPUTS:  
  - config/settings.yaml  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - write_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - literal:fact_cosecha_real_grado_dia.parquet  
  - literal:dim_dist_grado_baseline.parquet  
  
-----  
SCRIPT: \src\silver\build_dim_factor_uph_cosecha_clima.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\silver\build_dim_factor_uph_cosecha_clima.py  
INPUTS:  
  - config/settings.yaml  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - read_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - write_parquet(<dynamic>)  
  - write_parquet(<dynamic>)  
  - literal:fact_cosecha_uph_hora_clima.parquet  
  - literal:weather_hour_wide.parquet  
  - literal:Config sugerida: cosecha.uph_hour_file en settings.yaml  
  - literal:dim_factor_uph_cosecha_clima.parquet  
  - literal:dim_baseline_uph_cosecha.parquet  
  
-----  
SCRIPT: \src\silver\build_dim_hidratacion_baseline_grado_destino.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\silver\build_dim_hidratacion_baseline_grado_destino.py  
INPUTS:  
  - config/settings.yaml  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - write_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - literal:fact_hidratacion_real_post_grado_destino.parquet  
  - literal:dim_hidratacion_fecha_cosecha_grado_destino.parquet  
  - literal:dim_hidratacion_baseline_grado_destino.parquet  
  
-----  
SCRIPT: \src\silver\build_dim_hidratacion_fecha_cosecha_grado_destino.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\silver\build_dim_hidratacion_fecha_cosecha_grado_destino.py  
INPUTS:  
  - config/settings.yaml  
OUTPUTS:  
  <none detected>  
UNKNOWN/HINTS:  
  - write_parquet(<dynamic>)  
  - read_parquet(<dynamic>)  
  - literal:fact_hidratacion_real_post_grado_destino.parquet  
  - literal:dim_hidratacion_fecha_cosecha_grado_destino.parquet  
  
-----  
SCRIPT: \src\silver\build_dim_mediana_etapas_tipo_sp_variedad_area.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\silver\build_dim_mediana_etapas_tipo_sp_variedad_area.py  
INPUTS:  
  - config/settings.yaml  
OUTPUTS:  
  <none detected>
```

UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)  
- literal:milestones\_ciclo\_final.parquet  
- literal:fact\_ciclo\_maestro.parquet  
- literal:dim\_mediana\_etapas\_tipo\_sp\_variedad\_area.parquet

-----

SCRIPT: \src\silver\build\_dim\_mermas\_ajuste\_fecha\_post.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\silver\build\_dim\_mermas\_ajuste\_fecha\_post.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- read\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)  
- write\_parquet(<dynamic>)  
- literal:balanza\_2a\_raw.parquet  
- literal:balanza\_2\_raw.parquet  
- literal:dim\_mermas\_ajuste\_fecha\_post\_destino.parquet

-----

SCRIPT: \src\silver\build\_dim\_mix\_proceso\_semana\_from\_ventas.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\silver\build\_dim\_mix\_proceso\_semana\_from\_ventas.py  
INPUTS:  
<none detected>  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- read\_parquet(<dynamic>)  
- write\_parquet(<dynamic>)  
- open(<dynamic>)  
- literal:settings.yaml  
- literal:config/settings.yaml  
- literal:ventas\_2025\_raw.parquet  
- literal:ventas\_2026\_raw.parquet  
- literal:dim\_mix\_proceso\_semana.parquet

-----

SCRIPT: \src\silver\build\_dim\_peso\_tallo\_baseline.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\silver\build\_dim\_peso\_tallo\_baseline.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)  
- literal:fact\_peso\_tallo\_real\_grado\_dia.parquet  
- literal:dim\_peso\_tallo\_baseline.parquet

-----

SCRIPT: \src\silver\build\_dim\_peso\_tallo\_promedio\_dia.py  
STAGE : other  
PATH : C:\Data-LakeHouse\src\silver\build\_dim\_peso\_tallo\_promedio\_dia.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write\_parquet(<dynamic>)  
- read\_parquet(<dynamic>)  
- literal:fact\_peso\_tallo\_real\_grado\_dia.parquet  
- literal:dim\_peso\_tallo\_promedio\_dia.parquet

-----

SCRIPT: \src\silver\build\_dim\_variedad\_canon.py

```
STAGE : other
PATH  : C:\Data-LakeHouse\src\silver\build_dim_variedad_canon.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- literal:data/silver/dim_variedad_canon.parquet

-----
SCRIPT: \src\silver\build_fact_capacidad_proceso_hist.py
STAGE : other
PATH  : C:\Data-LakeHouse\src\silver\build_fact_capacidad_proceso_hist.py
INPUTS:
<none detected>
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- open(<dynamic>)
- literal:settings.yaml
- literal:config/settings.yaml
- literal:ghu_maestro_horas.parquet
- literal:personal_raw.parquet
- literal:fact_capacidad_proceso_hist.parquet
- literal:dim_capacidad_baseline_proceso.parquet

-----
SCRIPT: \src\silver\build_fact_cosecha_real_grado_dia.py
STAGE : other
PATH  : C:\Data-LakeHouse\src\silver\build_fact_cosecha_real_grado_dia.py
INPUTS:
- config/settings.yaml
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- read_parquet(<dynamic>)
- write_parquet(<dynamic>)
- literal:balanza_cosecha_raw.parquet
- literal:fact_cosecha_real_grado_dia.parquet

-----
SCRIPT: \src\silver\build_fact_cosecha_uph_hora_clima.py
STAGE : other
PATH  : C:\Data-LakeHouse\src\silver\build_fact_cosecha_uph_hora_clima.py
INPUTS:
- config/settings.yaml
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- literal:weather_hour_wide.parquet
- literal:ghu_maestro_horas.parquet
- literal:dim_factor_codigo_zcsp_cosecha.parquet
- literal:fact_cosecha_uph_hora_clima.parquet

-----
SCRIPT: \src\silver\build_fact_peso_tallo_real_grado_dia.py
STAGE : other
PATH  : C:\Data-LakeHouse\src\silver\build_fact_peso_tallo_real_grado_dia.py
INPUTS:
- config/settings.yaml
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
```

```
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:balanza_raw.parquet
- literal:fact_peso_tallo_real_grado_dia.parquet

-----
SCRIPT: \src\silver\build_hidratacion_real_from_balanza2.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\silver\build_hidratacion_real_from_balanza2.py
INPUTS:
- config/settings.yaml
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- literal:balanza_2_raw.parquet
- literal:balanza_lc_raw.parquet
- literal:fact_hidratacion_real_post_grado_destino.parquet
- literal:dim_hidratacion_dh_grado_destino.parquet
- literal:dim_hidratacion_fecha_post_grado_destino.parquet

-----
SCRIPT: \src\silver\build_milestone_window_ciclo_final_with_inference.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\silver\build_milestone_window_ciclo_final_with_inference.py
INPUTS:
- config/settings.yaml
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:milestones_ciclo_final.parquet
- literal:fact_ciclo_maestro.parquet
- literal:dim_mediana_etapas_tipo_sp_variedad_area.parquet
- literal:milestone_window_ciclo_final.parquet

-----
SCRIPT: \src\silver\build_milestones_final.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\silver\build_milestones_final.py
INPUTS:
- config/settings.yaml
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- write_parquet(<dynamic>)
- read_parquet(<dynamic>)
- read_parquet(<dynamic>)
- literal:fact_milestones_ciclo.parquet
- literal:pred_milestones_ciclo.parquet
- literal:milestones_ciclo_final.parquet

-----
SCRIPT: \src\silver\build_milestones_windows.py
STAGE : other
PATH   : C:\Data-LakeHouse\src\silver\build_milestones_windows.py
INPUTS:
- config/settings.yaml
OUTPUTS:
<none detected>
UNKNOWN/HINTS:
- read_parquet(<dynamic>)
- write_parquet(<dynamic>)
- write_parquet(<dynamic>)
- literal:fact_ciclo_maestro.parquet
```

```
- literal:fact_milestones_ciclo.parquet
- literal:milestone_window_ciclo.parquet
- literal:OK milestones: {len(milestones)} filas -> fact_milestones_ciclo.parquet
- literal:OK windows: {len(windows)} filas -> milestone_window_ciclo.parquet
```

```
-----  
SCRIPT: \src\silver\build_patch_ciclo_maestro_from_pred_tallos.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\silver\build_patch_ciclo_maestro_from_pred_tallos.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- literal:fact_ciclo_maestro.parquet  
- literal:../preds/pred_tallos_ciclo.parquet  
- literal:fact_ciclo_maestro_patch_pred_tallos_report.parquet
```

```
-----  
SCRIPT: \src\silver\build_weather_hour_estado.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\silver\build_weather_hour_estado.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- read_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- literal:weather_hour_main.parquet  
- literal:weather_hour_a4.parquet  
- literal:weather_hour_estado.parquet
```

```
-----  
SCRIPT: \src\silver\build_weather_hour_wide.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\silver\build_weather_hour_wide.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- read_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- write_parquet(<dynamic>)  
- literal:weather_hour_main.parquet  
- literal:weather_hour_a4.parquet  
- literal:weather_hour_estado.parquet  
- literal:weather_hour_wide.parquet
```

```
-----  
SCRIPT: \src\silver\build_windows_from_milestones_final.py  
STAGE : other  
PATH   : C:\Data-LakeHouse\src\silver\build_windows_from_milestones_final.py  
INPUTS:  
- config/settings.yaml  
OUTPUTS:  
<none detected>  
UNKNOWN/HINTS:  
- write_parquet(<dynamic>)  
- read_parquet(<dynamic>)  
- literal:milestones_ciclo_final.parquet  
- literal:milestone_window_ciclo_final.parquet
```