El siguiente documento clasifica a los AA en base a 4 grupos con el fin de poder minimizar el Unknown Idle Time. Las métricas empleadas para la clasificación de los AA ha sido la siguiente:

* Stow Rate
* Porcentaje de Unkown Idle Time (también en Stow)

La clasificación en grupos se observa en el siguiente gráfico (planteamiento inicial):

Se observa una tendencia lineal la cual indica que, a medida que los AA aumentane el rate en estación de Stow el porcentaje de unknown idle time sobre el total de sus horas trabajadas en stow disminuye.

G1: Corresponde al cuadrante (Sur-Este). AA modelo

G2: Corresponde al cuadrante (Norte-Este). Feedback Manager. Presentan rate superior a la media y como son conscientes de ello se ausentan más.

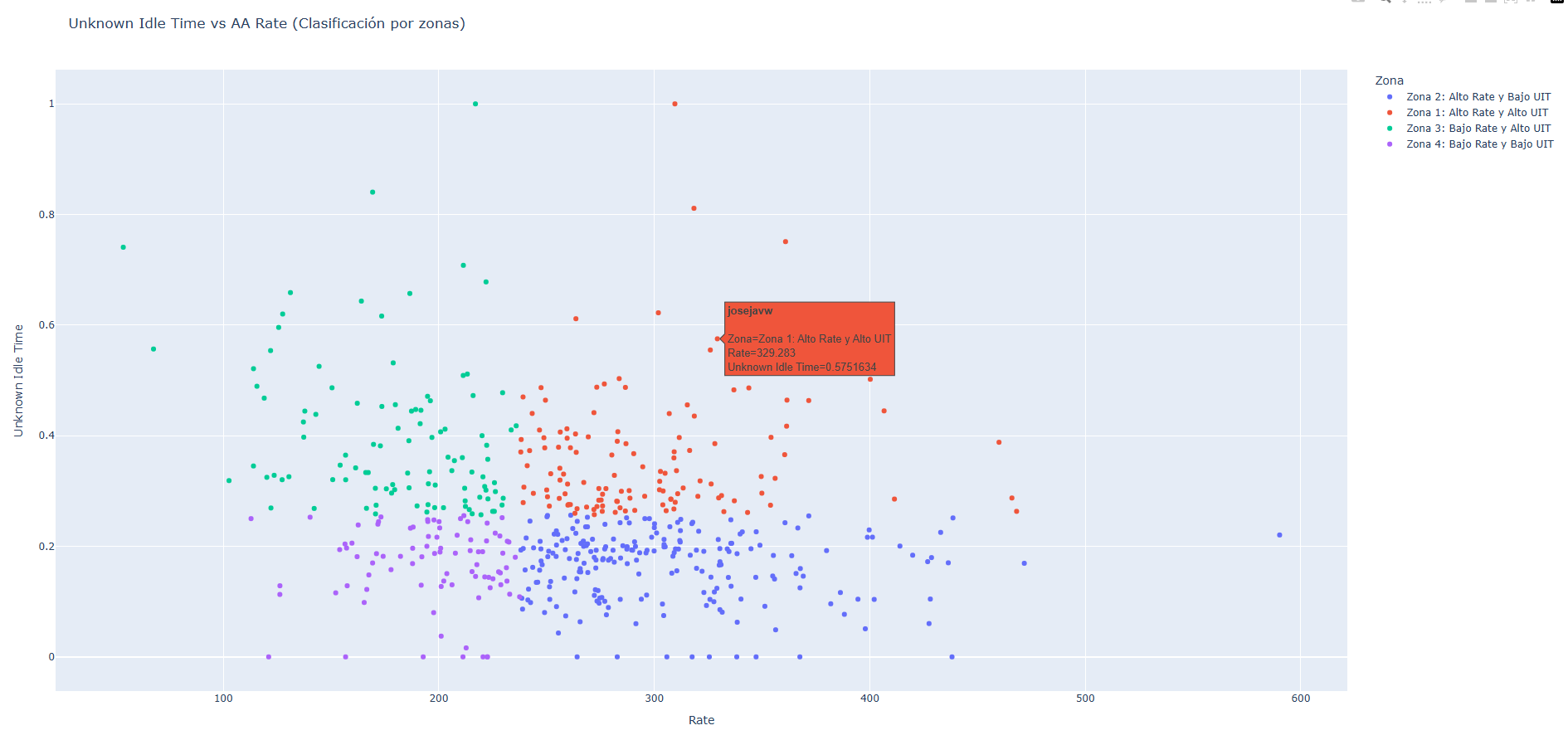
G3: Corresponde al cuadrante (Norte-Oeste). AA que necesitan reforzar ADAPT. No solo presentan rate inferior a la media sino que generar un unknown idle superior a ella.

G4: Corresponde al cuadrante (Sur-Oeste). Feedback de learning

La clasificación de estos cuatro grupos podría aumentan en accuracy si en lugar de coger la media para la separación de grupos se coge la mediana, siendo una métrica más robusta para los valores extremos (outliers) ya que representa mejor el “centro real” de los datos y presenta una mayor estabilidad en caso de que la población sea sesgada.

Para una mejor clasificación de datos, se emplearían técnicas de ML como PCA (Principal Component Analysis) y Clustering.

A golpe de ratón se pueden observar las métricas de cada AA con el fin de poder darle FB



**GRUPO1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| User\_Id ▾ | Logged\_Hours | Stow\_Rate | Unknown Idle % | Horas Unknown | Grupos |
| aaemilio | 2.483 | 334.691 | 0.19047619 | 0.472952381 | 1 |
| abdellme | 38.879 | 261.243 | 0.256153145 | 9.958978122 | 1 |
| abdhzian | 52.457 | 360.678 | 0.242582897 | 12.72517103 | 1 |
| abzianid | 3.283 | 300.045 | 0.23364486 | 0.767056075 | 1 |
| adriaceg | 72.589 | 298.804 | 0.216393443 | 15.70778361 | 1 |
| afeladel | 76.272 | 278.738 | 0.17492163 | 13.34162257 | 1 |
| aihuerta | 36.589 | 367.655 | 0.124832215 | 4.567485906 | 1 |
| ajauquil | 55.592 | 355.825 | 0.140781108 | 7.826303361 | 1 |
| albamarr | 28.915 | 338.507 | 0.0626703 | 1.812111717 | 1 |
| albnmart | 65.184 | 284.149 | 0.24260355 | 15.81386982 | 1 |
| alfocone | 30.216 | 246.824 | 0.156743621 | 4.736165249 | 1 |
| alvalcar | 25.87 | 274.725 | 0.106425703 | 0.002753233 | 1 |
| alvarhfr | 5.988 | 438.184 | 0 | 0 | 1 |
| alvaters | 63.292 | 294.003 | 0.104297994 | 6.601228653 | 1 |
| ankelaij | 76.31 | 338.434 | 0.18657299 | 0.014237385 | 1 |
| annidaim | 13.339 | 349.059 | 0.201892744 | 2.693047319 | 1 |
| antonjma | 16.73 | 263.893 | 0.176156584 | 0.0029471 | 1 |
| antotort | 7.253 | 258.916 | 0.074074074 | 0.537259259 | 1 |
| anyegalf | 64.006 | 277.021 | 0.195065978 | 12.485393 | 1 |
| arayalam | 9.524 | 329.076 | 0.12406015 | 1.181548872 | 1 |
| arelgvan | 71.499 | 305.079 | 0.199105145 | 14.23581879 | 1 |
| arroboga | 59.451 | 335.669 | 0.127761768 | 7.595564841 | 1 |
| artmarli | 4.962 | 264.212 | 0 | 0 | 1 |
| aucacjen | 32.151 | 419.921 | 0.183864916 | 5.911440901 | 1 |
| bailvice | 43.651 | 281.092 | 0.213063764 | 9.300446345 | 1 |
| banoanto | 22.998 | 291.283 | 0.199680511 | 4.592252396 | 1 |
| banosrma | 42.112 | 251.023 | 0.191037736 | 8.044981132 | 1 |
| barbepau | 31.697 | 438.621 | 0.251256281 | 7.964070352 | 1 |
| biengomb | 20.664 | 397.944 | 0.050802139 | 1.049775401 | 1 |
| brubijen | 47.348 | 330.511 | 0.172006745 | 8.144175379 | 1 |
| bveraval | 56.714 | 263.621 | 0.223478261 | 12.67434609 | 1 |
| caizapia | 20.7 | 414.017 | 0.20035461 | 0.00414734 | 1 |
| calvomun | 49.608 | 277.134 | 0.239702903 | 11.89118163 | 1 |
| canovlak | 57.875 | 268.977 | 0.252475248 | 14.61200495 | 1 |
| carmliqu | 47.306 | 330.444 | 0.195786865 | 9.261893432 | 1 |
| carrimap | 50.9 | 280.882 | 0.192882562 | 0.009817722 | 1 |
| crespota | 7.77 | 427.527 | 0.060240964 | 0.000468072 | 1 |
| crisilvl | 61.513 | 311.235 | 0.195024077 | 11.99651605 | 1 |
| crismaz | 17.161 | 278.711 | 0.089285714 | 1.532232143 | 1 |
| cruzhlju | 66.889 | 288.435 | 0.242239468 | 16.20315576 | 1 |
| dabdelax | 34.206 | 241.359 | 0.102893891 | 3.519588424 | 1 |
| dayrmend | 30.402 | 287.157 | 0.251497006 | 7.646011976 | 1 |
| dcarolio | 37.413 | 322.191 | 0.154831199 | 5.792699651 | 1 |
| delfixju | 26.567 | 355.289 | 0.183374083 | 4.871699267 | 1 |
| diegosus | 14.348 | 273.061 | 0.192857143 | 2.767114286 | 1 |
| djfacund | 66.154 | 329.702 | 0.212230216 | 14.0398777 | 1 |
| droblesj | 7.103 | 304.525 | 0.198863636 | 1.412528409 | 1 |
| efaelham | 77.272 | 275.676 | 0.107367219 | 8.296479726 | 1 |
| egearojl | 3.307 | 251.923 | 0.136363636 | 0.450954545 | 1 |
| ehamam | 9.998 | 308.147 | 0.151376147 | 1.513458716 | 1 |
| ekatgonz | 43.22 | 270.546 | 0.190438871 | 0.008230768 | 1 |
| elkimart | 10.086 | 347.324 | 0.226190476 | 2.281357143 | 1 |
| emislope | 16.817 | 369.144 | 0.145985401 | 2.455036496 | 1 |
| eramosca | 79.639 | 268.161 | 0.235136583 | 18.72604231 | 1 |
| erikcarc | 65.619 | 264.269 | 0.245059289 | 16.08054545 | 1 |
| esparzwf | 66.268 | 310.861 | 0.243209877 | 16.1170321 | 1 |
| espiydan | 49.904 | 394.534 | 0.104294479 | 5.204711656 | 1 |
| ezmartio | 19.227 | 398.929 | 0.216326531 | 4.159310204 | 1 |
| fcristcu | 4.381 | 339.859 | 0.222222222 | 0.973555556 | 1 |
| fdeniafu | 24.496 | 240.082 | 0.157221207 | 3.851290676 | 1 |
| feepablo | 7.722 | 432.913 | 0.225108225 | 1.738285714 | 1 |
| fehsuare | 48.485 | 317.458 | 0.24095458 | 11.68268283 | 1 |
| femarias | 28.03 | 287.481 | 0.16856492 | 0.004724875 | 1 |
| fernaaua | 11.473 | 271.338 | 0.212765957 | 2.44106383 | 1 |
| fernaolg | 7.212 | 276.071 | 0.175572519 | 1.266229008 | 1 |
| ferrufii | 68.836 | 293.232 | 0.188226744 | 12.95677616 | 1 |
| fmadyman | 58.232 | 284.226 | 0.104026846 | 6.057691275 | 1 |
| fmariajm | 38.302 | 347.114 | 0.143847487 | 5.509646447 | 1 |
| forcamaa | 25.862 | 264.092 | 0.141430948 | 3.657687188 | 1 |
| fpenacwi | 6.947 | 254.646 | 0.202247191 | 1.405011236 | 1 |
| garcgine | 44.705 | 334.395 | 0.143656716 | 6.422173507 | 1 |
| garciije | 8.035 | 254.632 | 0.090909091 | 0.730454545 | 1 |
| garcipey | 14.86 | 324.234 | 0.092909535 | 0.001380636 | 1 |
| garcpju | 60.47 | 268.431 | 0.201157742 | 0.012164009 | 1 |
| garridmd | 25.746 | 401.263 | 0.216494845 | 5.573876289 | 1 |
| gpedrojo | 6.79 | 344.904 | 0.195544554 | 0.001327748 | 1 |
| gugarmon | 25.245 | 240.566 | 0.214990138 | 5.427426036 | 1 |
| guiderce | 65.085 | 379.963 | 0.192196532 | 12.50911127 | 1 |
| guillpue | 69.299 | 254.476 | 0.181594084 | 12.58428841 | 1 |
| guilmurm | 10.088 | 259.516 | 0.213740458 | 2.15621374 | 1 |
| hdangonz | 21.271 | 289.502 | 0.193277311 | 4.111201681 | 1 |
| herraizc | 10.957 | 335.958 | 0.205357143 | 2.250098214 | 1 |
| hgaeliot | 68.286 | 238.556 | 0.106051873 | 7.241858213 | 1 |
| iantomar | 10.196 | 272.155 | 0.18 | 1.83528 | 1 |
| ikaawa | 18.755 | 301.086 | 0.22406639 | 4.202365145 | 1 |
| ilopedav | 66.722 | 267.108 | 0.209366391 | 13.96934435 | 1 |
| iloremed | 12.781 | 366.629 | 0.233082707 | 2.979030075 | 1 |
| imranbak | 73.208 | 247.403 | 0.195223261 | 14.29190447 | 1 |
| irenoton | 78.838 | 247.495 | 0.173344948 | 13.66616899 | 1 |
| isriofri | 42.285 | 330.475 | 0.08538163 | 3.610362225 | 1 |
| jamfadil | 6.643 | 238.883 | 0.086363636 | 0.573713636 | 1 |
| jhacarri | 6.991 | 267.218 | 0.2 | 1.3982 | 1 |
| jimariai | 54.349 | 257.265 | 0.210472279 | 11.43895791 | 1 |
| joaqucaw | 39.621 | 273.923 | 0.119952494 | 4.752637767 | 1 |
| jokesteb | 34.298 | 252.957 | 0.187579214 | 6.433591888 | 1 |
| joscujip | 25.89 | 265.967 | 0.205128205 | 0.005310769 | 1 |
| josergom | 38.629 | 272.667 | 0.121436114 | 4.690955649 | 1 |
| josgodix | 75.967 | 250.465 | 0.25566343 | 19.42198382 | 1 |
| josmerpe | 64.119 | 242.345 | 0.245512821 | 15.74203654 | 1 |
| jotosete | 28.795 | 330.164 | 0.165948276 | 4.778480603 | 1 |
| jsreyesc | 26.049 | 244.002 | 0.197183099 | 5.136422535 | 1 |
| juafherm | 23.965 | 269.013 | 0.235185185 | 5.636212963 | 1 |
| juanjosn | 6.619 | 265.604 | 0.063492063 | 0.420253968 | 1 |
| juarcort | 43.149 | 304.547 | 0.212413793 | 9.165442759 | 1 |
| kenddcau | 5.458 | 388.234 | 0.076923077 | 0.419846154 | 1 |
| lacaljos | 17.11 | 282.825 | 0 | 0 | 1 |
| leolimar | 7.487 | 272.874 | 0.160714286 | 1.203267857 | 1 |
| lliherna | 57.616 | 263.157 | 0.117482517 | 6.768872727 | 1 |
| lsalhoma | 70.808 | 290.873 | 0.208063713 | 14.73257541 | 1 |
| luciamav | 28.87 | 250.227 | 0.253416149 | 0.007316124 | 1 |
| lucibmar | 19.627 | 333.884 | 0.195266272 | 3.832491124 | 1 |
| maamalih | 56.921 | 279.738 | 0.177863084 | 10.12414459 | 1 |
| macondej | 23.232 | 277.463 | 0.199170124 | 4.627120332 | 1 |
| mamontoq | 7.008 | 590.207 | 0.220430108 | 1.544774194 | 1 |
| maouichi | 44.364 | 281.443 | 0.171319797 | 7.600431472 | 1 |
| mapantol | 6.591 | 365.813 | 0.150793651 | 0.993880952 | 1 |
| marariol | 67.607 | 258.717 | 0.19383521 | 13.10461707 | 1 |
| mariabef | 7.755 | 428.115 | 0.104557641 | 0.810844504 | 1 |
| marlooje | 18.539 | 310.488 | 0.155672823 | 2.88601847 | 1 |
| marthazf | 65.229 | 260.635 | 0.177750907 | 11.59451391 | 1 |
| martlaja | 46.626 | 436.455 | 0.170096022 | 7.930897119 | 1 |
| maruizpe | 17.367 | 274.427 | 0.097165992 | 1.687481781 | 1 |
| maysvald | 58.122 | 272.203 | 0.111204718 | 6.463440607 | 1 |
| mazmarin | 3.958 | 331.004 | 0.166666667 | 0.659666667 | 1 |
| migfranh | 6.121 | 367.582 | 0 | 0 | 1 |
| mikorteg | 40.462 | 287.354 | 0.19918284 | 8.059336057 | 1 |
| moanadol | 24.3 | 325.846 | 0.103915663 | 0.002525151 | 1 |
| mobouchn | 17.243 | 311.838 | 0.210401891 | 3.627959811 | 1 |
| mohinaou | 59.687 | 247.056 | 0.208900999 | 12.46867393 | 1 |
| molerome | 7.169 | 304.386 | 0.074712644 | 0.535614943 | 1 |
| molipang | 14.503 | 277.039 | 0.100529101 | 1.457973545 | 1 |
| moyavame | 27.947 | 323.036 | 0.116438356 | 3.25410274 | 1 |
| mparedee | 67.248 | 312.143 | 0.22826087 | 15.35008696 | 1 |
| murccarm | 31.17 | 304.554 | 0.2032 | 0.006333744 | 1 |
| muysanti | 29.418 | 291.757 | 0.174934726 | 5.146229765 | 1 |
| navarrzj | 6.931 | 255.519 | 0.043137255 | 0.298984314 | 1 |
| nelpprad | 26.92 | 249.107 | 0.080188679 | 0.002158679 | 1 |
| nmigufer | 17.777 | 289.987 | 0.192857143 | 3.428421429 | 1 |
| noeliacu | 23.104 | 319.557 | 0.192982456 | 4.458666667 | 1 |
| noguerbe | 13.616 | 386.386 | 0.11634349 | 1.584132964 | 1 |
| nolasclu | 21.43 | 297.753 | 0.25 | 0.0053575 | 1 |
| obastida | 39.384 | 367.791 | 0.159701493 | 6.289683582 | 1 |
| oevamari | 31.106 | 327.681 | 0.099767981 | 3.103382831 | 1 |
| omariaeu | 67.118 | 258.276 | 0.142474916 | 9.562631438 | 1 |
| ortizres | 16.356 | 247.988 | 0.166666667 | 2.726 | 1 |
| pedrnmar | 68.434 | 312.303 | 0.248681898 | 17.01829701 | 1 |
| pedroarv | 20.687 | 325.568 | 0 | 0 | 1 |
| ponomaol | 72.412 | 285.436 | 0.200937709 | 14.55030141 | 1 |
| prioange | 36.931 | 303.807 | 0.095541401 | 3.52843949 | 1 |
| qabdedri | 59.405 | 245.282 | 0.134661355 | 7.999557769 | 1 |
| qospulid | 15.456 | 340.251 | 0.104529617 | 1.615609756 | 1 |
| ramateod | 62.748 | 323.007 | 0.190866511 | 11.9764918 | 1 |
| raulmorx | 23.216 | 265.632 | 0.159600998 | 3.705296758 | 1 |
| rebjuanh | 11.876 | 402.064 | 0.103896104 | 1.23387013 | 1 |
| riquramo | 20.885 | 335.551 | 0.205298013 | 4.287649007 | 1 |
| rkdani | 37.206 | 326.315 | 0.144130758 | 5.362528975 | 1 |
| rmartsau | 13.106 | 399.746 | 0.229571984 | 3.008770428 | 1 |
| rmerceji | 11.725 | 264.648 | 0.186956522 | 2.192065217 | 1 |
| rodrador | 9.589 | 250.601 | 0.181208054 | 1.737604027 | 1 |
| rojenif | 28.093 | 239.206 | 0.19592299 | 5.504064553 | 1 |
| rosmilvi | 12.055 | 295.639 | 0.25 | 3.01375 | 1 |
| rsanrube | 43.067 | 300.137 | 0.240641711 | 10.36371658 | 1 |
| ruizvmir | 15.012 | 354.977 | 0.146186441 | 2.194550847 | 1 |
| rwherran | 12.639 | 381.908 | 0.096 | 1.213344 | 1 |
| sagualdr | 63.001 | 316.712 | 0.183847669 | 11.582587 | 1 |
| salmarir | 42.1 | 251.401 | 0.126721763 | 0.005334986 | 1 |
| salomlma | 62.068 | 267.111 | 0.208368915 | 12.93304184 | 1 |
| sancconz | 69.349 | 245.929 | 0.13501292 | 9.363010982 | 1 |
| sanchmbo | 1.288 | 317.579 | 0 | 0 | 1 |
| sanpedrm | 7.477 | 331.532 | 0.080808081 | 0.60420202 | 1 |
| sjuanenr | 23.31 | 471.725 | 0.169230769 | 0.003944769 | 1 |
| sonkorti | 44.274 | 335.549 | 0.247892074 | 10.97517369 | 1 |
| souadnbe | 44.521 | 255.227 | 0.221590909 | 9.865448864 | 1 |
| srosanto | 14.211 | 428.678 | 0.179558011 | 2.551698895 | 1 |
| sseraqui | 57.341 | 269.024 | 0.204310345 | 11.71535948 | 1 |
| taniugar | 2.531 | 305.855 | 0 | 0 | 1 |
| tayalama | 28.765 | 299.949 | 0.191525424 | 5.509228814 | 1 |
| torrclaa | 69.705 | 296.462 | 0.111764706 | 7.790558824 | 1 |
| ttinocoo | 7.199 | 277.802 | 0.076086957 | 0.54775 | 1 |
| uchuarig | 76.759 | 327.897 | 0.117357695 | 9.008259311 | 1 |
| ulorerod | 32.797 | 251.514 | 0.103979461 | 3.410214377 | 1 |
| varonahr | 21.743 | 242.605 | 0.098214286 | 2.135473214 | 1 |
| vewrosar | 46.083 | 371.722 | 0.254885302 | 11.74587935 | 1 |
| vicevicp | 41.366 | 269.182 | 0.152561247 | 6.310848552 | 1 |
| vichmari | 13.02 | 426.878 | 0.172169811 | 0.002241651 | 1 |
| vicvargr | 69.62 | 317.869 | 0.24341412 | 0.016946491 | 1 |
| vigonzae | 10.251 | 287.285 | 0.194915254 | 1.998076271 | 1 |
| vlojanol | 17.249 | 296.661 | 0.192771084 | 3.325108434 | 1 |
| xcoranto | 23.071 | 253.562 | 0.222024867 | 5.122335702 | 1 |
| xgarciaz | 33.739 | 262.191 | 0.232087227 | 7.830390966 | 1 |
| xmpedroj | 13.232 | 309.854 | 0.195219124 | 2.583139442 | 1 |
| xnouguje | 11.573 | 309.267 | 0.18852459 | 2.181795082 | 1 |
| yasrahms | 74.294 | 320.616 | 0.2271777 | 16.87794007 | 1 |
| yomarcos | 61.411 | 287.393 | 0.198572356 | 12.19452693 | 1 |
| zamoraib | 28.552 | 356.334 | 0.048951049 | 1.39765035 | 1 |
| zmarigin | 9.093 | 243.605 | 0.161904762 | 1.4722 | 1 |
| zmarmale | 25.668 | 312.065 | 0.207708779 | 5.331468951 | 1 |
| ztomasmm | 60.664 | 273.441 | 0.10091047 | 6.121632777 | 1 |

**GRUPO 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| User\_Id ▾ | Logged\_Hours | Stow\_Rate | Unknown Idle % | Horas Unknown | Grupos |
| abdbouja | 35.485 | 329.889 | 0.287482806 | 10.20132737 | 2 |
| accerve | 8.709 | 284.747 | 0.299465241 | 2.608042781 | 2 |
| aidelrio | 4.336 | 261.078 | 0.275362319 | 1.193971014 | 2 |
| alalexes | 25.114 | 250.461 | 0.289473684 | 7.269842105 | 2 |
| almayorr | 67.966 | 275.875 | 0.263228399 | 17.89058138 | 2 |
| amadorrz | 7.278 | 400.253 | 0.501992032 | 3.653498008 | 2 |
| amcamado | 62.406 | 353.957 | 0.274261603 | 17.11556962 | 2 |
| amoyapad | 7.13 | 239.122 | 0.47 | 0.0033511 | 2 |
| anburlam | 24.875 | 305.529 | 0.264264264 | 6.573573574 | 2 |
| anunesba | 52.434 | 260.271 | 0.275544389 | 14.44789447 | 2 |
| ayazizih | 73.887 | 343.307 | 0.261111111 | 19.29271667 | 2 |
| barrurod | 33.19 | 326.027 | 0.554936306 | 0.018418336 | 2 |
| berramhm | 57.406 | 349.653 | 0.326153846 | 18.72318769 | 2 |
| bmartseb | 29.705 | 255.579 | 0.379146919 | 11.26255924 | 2 |
| bmendoja | 41.931 | 269.392 | 0.397862233 | 16.68276128 | 2 |
| bouissig | 24.574 | 295.561 | 0.29047619 | 7.138161905 | 2 |
| boutkhta | 69.472 | 273.407 | 0.271879484 | 18.88801148 | 2 |
| bulpedro | 4.272 | 459.994 | 0.388059701 | 1.657791045 | 2 |
| byjimene | 5.337 | 255.927 | 0.286585366 | 1.529506098 | 2 |
| caparosc | 23.234 | 256.266 | 0.319672131 | 7.427262295 | 2 |
| castiuaa | 3.778 | 248.797 | 0.396226415 | 1.496943396 | 2 |
| ccastelj | 52.645 | 286.884 | 0.3855254 | 20.29598469 | 2 |
| clyanira | 4.941 | 309.249 | 0.370833333 | 1.8322875 | 2 |
| cmchamor | 57.394 | 356.097 | 0.32284041 | 18.52910249 | 2 |
| csanchlu | 42.342 | 264.182 | 0.267918089 | 11.34418771 | 2 |
| dandragw | 18.635 | 284.139 | 0.269565217 | 5.023347826 | 2 |
| davdoler | 15.903 | 354.199 | 0.396995708 | 6.313422747 | 2 |
| dfralope | 75.499 | 274.295 | 0.304414784 | 22.98301181 | 2 |
| eabadcue | 17.362 | 311.606 | 0.396648045 | 6.886603352 | 2 |
| edoborjo | 41.269 | 273.326 | 0.487666034 | 20.12548956 | 2 |
| egeadani | 7.364 | 294.666 | 0.34375 | 2.531375 | 2 |
| elfamohu | 28.325 | 256.383 | 0.406570842 | 11.5161191 | 2 |
| espadade | 2.554 | 306.961 | 0.44 | 1.12376 | 2 |
| fcarrima | 23.823 | 304.121 | 0.3 | 7.1469 | 2 |
| felautar | 17.296 | 249.187 | 0.377990431 | 6.537722488 | 2 |
| fuentcay | 16.971 | 276.833 | 0.493527508 | 8.37565534 | 2 |
| gaonaalr | 23.529 | 275.362 | 0.283604136 | 6.672921713 | 2 |
| gasamuem | 20.264 | 268.606 | 0.270868825 | 5.48888586 | 2 |
| gonzglui | 10.196 | 331.219 | 0.291666667 | 2.973833333 | 2 |
| gonzyver | 48.973 | 267.288 | 0.315412186 | 15.446681 | 2 |
| handrmas | 8.77 | 246.752 | 0.410179641 | 0.003597275 | 2 |
| haralejh | 32.127 | 281.504 | 0.328257191 | 10.54591878 | 2 |
| herrluc | 9.279 | 280.316 | 0.365079365 | 3.387571429 | 2 |
| hlopezje | 24.211 | 411.462 | 0.285371703 | 6.909134293 | 2 |
| icaballj | 9.8 | 243.363 | 0.440191388 | 0.004313876 | 2 |
| icbouhou | 23.675 | 242.157 | 0.372983871 | 8.830393145 | 2 |
| imonserr | 23.423 | 282.843 | 0.389867841 | 9.131874449 | 2 |
| iqcastro | 60.848 | 259.777 | 0.312536786 | 19.01723838 | 2 |
| javbuenp | 39.148 | 282.591 | 0.281544256 | 11.02189454 | 2 |
| jenripoe | 28.064 | 263.465 | 0.403100775 | 11.31262016 | 2 |
| jncuriel | 44.454 | 259.932 | 0.274489796 | 12.20216939 | 2 |
| joanmaal | 10.296 | 263.792 | 0.369863014 | 3.808109589 | 2 |
| joaqvida | 46.7 | 281.903 | 0.26135217 | 0.012205146 | 2 |
| josejavw | 5.886 | 329.283 | 0.575163399 | 3.385411765 | 2 |
| josemkmo | 2.591 | 318.425 | 0.811158798 | 2.101712446 | 2 |
| kharmach | 12.216 | 286.599 | 0.263803681 | 3.222625767 | 2 |
| khaycmoh | 7.059 | 309.128 | 0.26744186 | 1.887872093 | 2 |
| khghizla | 72.487 | 272.006 | 0.26652452 | 19.3195629 | 2 |
| krciziun | 42.308 | 302.423 | 0.302173913 | 12.78437391 | 2 |
| lahlonas | 8.515 | 309.582 | 1 | 8.515 | 2 |
| lahlouzf | 61.305 | 290.956 | 0.264922871 | 16.24109658 | 2 |
| lajaravs | 13.263 | 256.197 | 0.341137124 | 4.524501672 | 2 |
| langeliv | 33.067 | 257.931 | 0.330532213 | 10.92970868 | 2 |
| laumvale | 31.738 | 371.694 | 0.463525836 | 14.71138298 | 2 |
| lauraqor | 10.999 | 361.594 | 0.464285714 | 5.106678571 | 2 |
| laustric | 12.512 | 309.132 | 0.359832636 | 4.502225941 | 2 |
| lazarbal | 7.472 | 360.931 | 0.750902527 | 5.610743682 | 2 |
| leonmofr | 20.876 | 318.591 | 0.435443038 | 9.090308861 | 2 |
| lillojul | 17.804 | 310.321 | 0.336708861 | 5.994764557 | 2 |
| lmrosama | 46.436 | 316.416 | 0.373271889 | 17.33325346 | 2 |
| lopezagr | 3.123 | 320.245 | 0.290322581 | 0.906677419 | 2 |
| lopezsmv | 31.882 | 343.894 | 0.486348123 | 15.50575085 | 2 |
| mabanosm | 19.14 | 313.427 | 0.305357143 | 0.005844536 | 2 |
| maciaecr | 17.231 | 272.011 | 0.441640379 | 7.609905363 | 2 |
| maigrspe | 38.743 | 276.024 | 0.272943981 | 10.57466865 | 2 |
| maogarc | 14.581 | 307.724 | 0.285106383 | 4.15713617 | 2 |
| marovand | 29.145 | 332.309 | 0.262664165 | 7.655347092 | 2 |
| marrenas | 4.306 | 282.872 | 0.280991736 | 1.209950413 | 2 |
| martaomo | 7.161 | 465.977 | 0.287292818 | 2.057303867 | 2 |
| medifrav | 35.77 | 302.883 | 0.335343788 | 0.011995247 | 2 |
| mirasane | 38.989 | 337.169 | 0.282225237 | 11.00367978 | 2 |
| mlibanol | 27.308 | 309.731 | 0.279549719 | 7.633943715 | 2 |
| nortesbm | 7.662 | 302.536 | 0.317460317 | 2.432380952 | 2 |
| npedrolu | 15.556 | 406.664 | 0.444827586 | 6.919737931 | 2 |
| ossamani | 61.229 | 239.183 | 0.27897351 | 17.08126904 | 2 |
| oujobego | 34.722 | 258.622 | 0.294892916 | 10.23927183 | 2 |
| paganmor | 2.998 | 301.909 | 0.622222222 | 1.865422222 | 2 |
| paladiyq | 10.097 | 259.582 | 0.395424837 | 3.992604575 | 2 |
| peaaleja | 56.8 | 303.977 | 0.274942879 | 0.015616756 | 2 |
| pmoroleg | 4.3 | 361.421 | 0.417177914 | 0.001793865 | 2 |
| pradochm | 10.147 | 283.737 | 0.503184713 | 5.105815287 | 2 |
| qcalison | 51.386 | 247.478 | 0.486854917 | 25.01752678 | 2 |
| qcufranc | 17.22 | 349.945 | 0.296 | 0.00509712 | 2 |
| reyerubz | 56.777 | 251.318 | 0.27266028 | 15.48083272 | 2 |
| rodriejo | 8.126 | 276.018 | 0.294117647 | 2.39 | 2 |
| rubecorr | 30.705 | 243.903 | 0.295726496 | 9.080282051 | 2 |
| saeloual | 40.236 | 251.965 | 0.331168831 | 13.32490909 | 2 |
| sanaemej | 10.275 | 288.376 | 0.300632911 | 3.089003165 | 2 |
| sarriofi | 11.657 | 286.621 | 0.487309645 | 5.680568528 | 2 |
| segpablo | 19.697 | 263.649 | 0.611479029 | 12.04430243 | 2 |
| sergigah | 43.638 | 360.537 | 0.365644172 | 15.95598037 | 2 |
| sergioof | 56.616 | 283.102 | 0.407185629 | 23.05322156 | 2 |
| silvadke | 23.955 | 263.202 | 0.259649123 | 6.219894737 | 2 |
| simonsoe | 27.207 | 274.264 | 0.283305228 | 7.707885329 | 2 |
| srosiquf | 9.966 | 239.514 | 0.306878307 | 3.058349206 | 2 |
| tebasisa | 13.04 | 315.347 | 0.455645161 | 0.005941613 | 2 |
| tifmartk | 50.547 | 277.584 | 0.304281346 | 15.38050917 | 2 |
| touainho | 19.689 | 272.182 | 0.257194245 | 5.063897482 | 2 |
| ualejmen | 7.738 | 321.274 | 0.318181818 | 2.462090909 | 2 |
| uyollope | 62.463 | 310.888 | 0.295045045 | 18.42939865 | 2 |
| xandrcas | 23.138 | 328.116 | 0.385620915 | 8.922496732 | 2 |
| yfcastil | 70.989 | 307.723 | 0.285356696 | 20.25718648 | 2 |
| ygaralfo | 13.739 | 249.514 | 0.464125561 | 6.376621076 | 2 |
| zperezar | 42.629 | 261.111 | 0.378174976 | 16.12122107 | 2 |
| zubrayne | 6.299 | 468.152 | 0.263157895 | 1.657631579 | 2 |

**GRUPO 3**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| User\_Id ▾ | Logged\_Hours | Stow\_Rate | Unknown Idle % | Horas Unknown | Grupos |
| abdelboi | 6.962 | 191.742 | 0.445945946 | 3.104675676 | 3 |
| acoaless | 2.697 | 127.571 | 0.62 | 1.67214 | 3 |
| adrcerme | 38.782 | 210.95 | 0.360310421 | 13.97355876 | 3 |
| alejanfn | 24.243 | 211.359 | 0.50887574 | 12.33667456 | 3 |
| alfomsan | 15.032 | 196.111 | 0.463126844 | 6.961722714 | 3 |
| alvaroog | 26.335 | 222.749 | 0.357277883 | 9.408913043 | 3 |
| alvcastg | 4.806 | 172.916 | 0.381578947 | 1.833868421 | 3 |
| amarinln | 6.685 | 212.254 | 0.282051282 | 1.885512821 | 3 |
| anavanes | 1.65 | 217.033 | 1 | 0.00165 | 3 |
| angelgme | 14.247 | 169.719 | 0.384236453 | 5.474216749 | 3 |
| anouguiz | 3.899 | 219.039 | 0.288659794 | 1.125484536 | 3 |
| antogarw | 14.101 | 238.07 | 0.370473538 | 5.224047354 | 3 |
| ariaspal | 7.298 | 233.611 | 0.410358566 | 2.994796813 | 3 |
| aroxanag | 7.156 | 186.145 | 0.390862944 | 2.797015228 | 3 |
| azamboun | 7.061 | 127.326 | 0.32038835 | 2.262262136 | 3 |
| azekrisa | 61.836 | 212.385 | 0.272113437 | 16.82640648 | 3 |
| bachelot | 2.866 | 187.352 | 0.444444444 | 1.273777778 | 3 |
| beljcarm | 6.897 | 229.379 | 0.274566474 | 1.893684971 | 3 |
| bnoruizb | 2.728 | 120.22 | 0.324675325 | 0.885714286 | 3 |
| boizacam | 15.115 | 215.947 | 0.472527473 | 7.142252747 | 3 |
| cahcarlo | 7.062 | 156.757 | 0.364806867 | 2.576266094 | 3 |
| canofema | 10.585 | 211.427 | 0.708039492 | 7.494598025 | 3 |
| carcampi | 4.409 | 225.013 | 0.263157895 | 1.160263158 | 3 |
| cardozoy | 5.859 | 229.91 | 0.286885246 | 1.680860656 | 3 |
| carpnjos | 10.417 | 241.05 | 0.345679012 | 3.600938272 | 3 |
| carrjanj | 30.405 | 221.902 | 0.301542777 | 9.168408135 | 3 |
| chaimebe | 4.966 | 119.011 | 0.467889908 | 2.323541284 | 3 |
| cocaquod | 13.355 | 207.266 | 0.35483871 | 4.738870968 | 3 |
| cujhonny | 5.478 | 219.597 | 0.25698324 | 1.40775419 | 3 |
| diazrojj | 2.957 | 173.515 | 0.61627907 | 1.822337209 | 3 |
| droblesd | 2.684 | 167.281 | 0.333333333 | 0.894666667 | 3 |
| eduapedv | 2.646 | 179.532 | 0.302325581 | 0.799953488 | 3 |
| elhajjaa | 20.541 | 238.26 | 0.393034826 | 8.073328358 | 3 |
| emilyner | 5.181 | 102.683 | 0.31875 | 1.65144375 | 3 |
| esdmarta | 9.255 | 221.942 | 0.67804878 | 6.275341463 | 3 |
| estebpes | 50.798 | 213.257 | 0.511422255 | 25.97922771 | 3 |
| fkaailiz | 6.486 | 150.476 | 0.486590038 | 3.156022989 | 3 |
| fkfernan | 18.615 | 222.83 | 0.285714286 | 5.318571429 | 3 |
| fracecil | 14.597 | 178.121 | 0.296218487 | 4.323901261 | 3 |
| francods | 5.241 | 221.32 | 0.308108108 | 1.614794595 | 3 |
| francyuf | 4.214 | 194.807 | 0.471153846 | 1.985442308 | 3 |
| fraralar | 12.341 | 137.351 | 0.397321429 | 4.90334375 | 3 |
| gaisssek | 2.713 | 125.71 | 0.595744681 | 1.616255319 | 3 |
| garcigfr | 7.363 | 288.74 | 0.287037037 | 2.113453704 | 3 |
| garcksan | 14.027 | 195.189 | 0.312997347 | 4.390413793 | 3 |
| garsgine | 5.172 | 178.859 | 0.53164557 | 2.749670886 | 3 |
| ginecana | 2.882 | 122.133 | 0.269230769 | 0.775923077 | 3 |
| gizzambr | 58.263 | 226.285 | 0.298842258 | 17.41144645 | 3 |
| haazouzo | 6.597 | 144.467 | 0.525345622 | 3.465705069 | 3 |
| hieloual | 48.961 | 305.02 | 0.332046332 | 16.25732046 | 3 |
| hoboujaw | 45.185 | 215.381 | 0.33423913 | 15.10259511 | 3 |
| ibanexal | 56.698 | 185.562 | 0.332312404 | 18.8414487 | 3 |
| inaoumeq | 14.629 | 259.48 | 0.412429379 | 6.033429379 | 3 |
| ismenend | 7.849 | 214.167 | 0.266423358 | 2.091156934 | 3 |
| jennztor | 69.502 | 189.938 | 0.272965879 | 18.97167454 | 3 |
| jgarccar | 7.195 | 186.235 | 0.305732484 | 2.199745223 | 3 |
| jorybaly | 65.814 | 194.487 | 0.261859583 | 17.23402657 | 3 |
| josvazql | 5.27 | 206.075 | 0.336734694 | 0.001774592 | 3 |
| jumorenu | 22.552 | 200.866 | 0.406976744 | 9.178139535 | 3 |
| karencax | 33.896 | 290.48 | 0.367483296 | 12.45621381 | 3 |
| lcarrasi | 9.159 | 202.21 | 0.269736842 | 2.470519737 | 3 |
| llorcato | 10.821 | 225.851 | 0.31496063 | 3.408188976 | 3 |
| lopezaen | 7.196 | 170.656 | 0.258536585 | 1.860429268 | 3 |
| lopezvpe | 9.583 | 170.935 | 0.274285714 | 2.62848 | 3 |
| lorjuanu | 2.896 | 123.631 | 0.328358209 | 0.950925373 | 3 |
| lugoemel | 22.226 | 178.619 | 0.311538462 | 6.924253846 | 3 |
| maijuanc | 2.652 | 196.837 | 0.396825397 | 1.052380952 | 3 |
| maizimar | 7.128 | 131.17 | 0.658682635 | 4.69508982 | 3 |
| manarcim | 7.139 | 162.198 | 0.458598726 | 3.273936306 | 3 |
| maqalej | 23.178 | 336.96 | 0.482837529 | 11.19120824 | 3 |
| marcoqca | 10.022 | 154.256 | 0.346666667 | 3.474293333 | 3 |
| marilopr | 2.689 | 121.963 | 0.553846154 | 1.489292308 | 3 |
| masfmarc | 5.337 | 225.798 | 0.263157895 | 1.404473684 | 3 |
| mcantama | 9.933 | 130.474 | 0.325779037 | 3.235963173 | 3 |
| mdamaiba | 62.637 | 250.09 | 0.301825293 | 18.9054309 | 3 |
| melgarek | 4.152 | 169.317 | 0.84040404 | 3.489357576 | 3 |
| mohamtik | 7.118 | 164.095 | 0.643382353 | 4.579595588 | 3 |
| mohazerh | 8.618 | 137.856 | 0.444444444 | 3.830222222 | 3 |
| morezant | 1.276 | 186.584 | 0.657142857 | 0.838514286 | 3 |
| mrenosl | 17.397 | 229.632 | 0.477695167 | 8.310462825 | 3 |
| nzjmar | 7.211 | 189.29 | 0.447368421 | 3.225973684 | 3 |
| obandrei | 7.073 | 166.126 | 0.333333333 | 2.357666667 | 3 |
| ojuanmma | 57.181 | 212.027 | 0.304939155 | 17.43672584 | 3 |
| olmopedf | 2.8 | 161.433 | 0.341772152 | 0.000956962 | 3 |
| oreneses | 8.462 | 137.197 | 0.424778761 | 3.594477876 | 3 |
| ortsbenj | 2.595 | 166.46 | 0.268656716 | 0.697164179 | 3 |
| pinaroan | 2.78 | 67.635 | 0.556701031 | 0.001547629 | 3 |
| pjoseaso | 26.335 | 222.249 | 0.382636656 | 10.07673633 | 3 |
| queluisa | 4.92 | 114.035 | 0.521126761 | 0.002563944 | 3 |
| raipared | 43.779 | 195.735 | 0.334742181 | 14.65467794 | 3 |
| rocariny | 48.363 | 114.014 | 0.345193036 | 16.69457078 | 3 |
| rodrmanv | 7.006 | 115.623 | 0.489361702 | 3.428468085 | 3 |
| rosavsan | 14.201 | 181.118 | 0.413436693 | 5.87121447 | 3 |
| rosiquea | 3.514 | 156.812 | 0.320261438 | 1.125398693 | 3 |
| rtsoraya | 2.88 | 173.602 | 0.452830189 | 0.001304151 | 3 |
| ruurzagg | 59.479 | 142.2 | 0.268404908 | 15.96445552 | 3 |
| samajoha | 5.471 | 191.375 | 0.421686747 | 2.307048193 | 3 |
| sheilphe | 23.051 | 220.512 | 0.325581395 | 7.504976744 | 3 |
| sherezpa | 10 | 150.798 | 0.320512821 | 0.003205128 | 3 |
| stefafbe | 8.896 | 179.862 | 0.456057007 | 4.057083135 | 3 |
| taguisar | 59.275 | 198.109 | 0.269879518 | 15.99710843 | 3 |
| tloanton | 12.427 | 235.946 | 0.417857143 | 5.192710714 | 3 |
| vacalema | 6.401 | 142.953 | 0.43852459 | 2.806995902 | 3 |
| vadohele | 72.9 | 175.679 | 0.303893085 | 0.022153806 | 3 |
| ventbogd | 6.928 | 215.513 | 0.258785942 | 1.79286901 | 3 |
| verdupae | 6.964 | 170.588 | 0.304878049 | 2.123170732 | 3 |
| vicentno | 7.022 | 202.93 | 0.411764706 | 2.891411765 | 3 |
| vjcarmen | 2.89 | 220.095 | 0.4 | 0.001156 | 3 |
| weqporti | 69.756 | 198.362 | 0.310708899 | 21.67380995 | 3 |
| wsanchla | 2.951 | 204.311 | 0.361111111 | 1.065638889 | 3 |
| xantsara | 59.48 | 326.41 | 0.312663755 | 0.01859724 | 3 |
| xtaniama | 7.04 | 195.022 | 0.275280899 | 0.001937978 | 3 |
| zaraquep | 2.686 | 53.607 | 0.740740741 | 1.98962963 | 3 |

**GRUPO 4**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| User\_Id ▾ | Logged\_Hours | Stow\_Rate | Unknown Idle % | Horas Unknown | Grupos |
| acamposi | 4.759 | 200.891 | 0.196428571 | 0.934803571 | 4 |
| adriamaq | 18.596 | 211.657 | 0.255376344 | 4.748978495 | 4 |
| afrasque | 6.823 | 222.472 | 0.241860465 | 1.650213953 | 4 |
| alaserg | 5.979 | 171.099 | 0.186666667 | 1.11608 | 4 |
| amgrod | 7.215 | 222.176 | 0.209677419 | 1.512822581 | 4 |
| anaruin | 7.873 | 347.26 | 0 | 0 | 4 |
| anasanzt | 7.164 | 198.07 | 0.18699187 | 1.339609756 | 4 |
| andreulo | 7.119 | 267.44 | 0.169354839 | 1.205637097 | 4 |
| bahidahg | 48.786 | 319.64 | 0.160164271 | 7.813774127 | 4 |
| baltasma | 59.803 | 241.66 | 0.122526636 | 7.327460426 | 4 |
| barcmmar | 7.14 | 201.131 | 0.127272727 | 0.000908727 | 4 |
| belkmoha | 56.699 | 218.416 | 0.190028222 | 10.77441016 | 4 |
| benhafss | 69.651 | 195.201 | 0.217751479 | 15.16660828 | 4 |
| cabalbal | 4.648 | 169.303 | 0.169811321 | 0.789283019 | 4 |
| cazajuaq | 7.088 | 162.114 | 0.181208054 | 1.284402685 | 4 |
| cdorinao | 9.382 | 227.778 | 0.153846154 | 1.443384615 | 4 |
| dceliasa | 5.355 | 201.129 | 0.0375 | 0.2008125 | 4 |
| dejepman | 6.935 | 140.297 | 0.25257732 | 1.751623711 | 4 |
| dejoseja | 7.146 | 291.5 | 0.06 | 0.42876 | 4 |
| dibelmar | 6.726 | 217.077 | 0.145454545 | 0.978327273 | 4 |
| dmaillva | 24.236 | 308.67 | 0.18202765 | 4.41162212 | 4 |
| dpjosevi | 60.256 | 188.115 | 0.234741784 | 14.14460094 | 4 |
| ebconesa | 76.089 | 200.595 | 0.189556136 | 14.42313681 | 4 |
| ecofrank | 37.652 | 162.62 | 0.238521837 | 8.980824188 | 4 |
| eduarsad | 3.007 | 228.811 | 0.130434783 | 0.392217391 | 4 |
| emeljaim | 49.087 | 231.813 | 0.209072978 | 10.26276529 | 4 |
| enriqrum | 4.115 | 187.839 | 0.168674699 | 0.694096386 | 4 |
| essabirs | 36.156 | 296.19 | 0.18798151 | 6.796659476 | 4 |
| feespinn | 58.038 | 231.399 | 0.161220044 | 9.356888889 | 4 |
| ferjgarc | 7.15 | 200.146 | 0.244514107 | 0.001748276 | 4 |
| galanmon | 2.79 | 112.894 | 0.25 | 0.0006975 | 4 |
| guirjuan | 21.366 | 202.328 | 0.137130802 | 2.929936709 | 4 |
| hamabdeg | 22.634 | 208.535 | 0.22 | 4.97948 | 4 |
| hejeroni | 69.583 | 192.159 | 0.180972818 | 12.59263162 | 4 |
| hperezpr | 25.063 | 223.198 | 0.143820225 | 3.604566292 | 4 |
| ikgeorgi | 56.661 | 206.155 | 0.130333592 | 7.384831652 | 4 |
| isabelmx | 10.171 | 187.893 | 0.196428571 | 1.997875 | 4 |
| jadrdiaz | 9.199 | 171.757 | 0.24 | 2.20776 | 4 |
| jaquellc | 80.263 | 265.9 | 0.153618907 | 12.32991433 | 4 |
| jasfranz | 9.606 | 232.553 | 0.207650273 | 1.994688525 | 4 |
| jnatrami | 22.285 | 210.094 | 0.25 | 5.57125 | 4 |
| joaqualf | 4.758 | 159.729 | 0.205673759 | 0.978595745 | 4 |
| jonxfern | 2.917 | 223.858 | 0.125 | 0.364625 | 4 |
| josecamj | 36.896 | 225.149 | 0.141199226 | 5.209686654 | 4 |
| josedica | 30.39 | 284.37 | 0.178714859 | 0.005431145 | 4 |
| juaqlope | 68.558 | 217.683 | 0.166778749 | 11.43401748 | 4 |
| kroclope | 35.001 | 307.25 | 0.235294118 | 8.235529412 | 4 |
| ksvictor | 23.466 | 265.24 | 0.153988868 | 3.613502783 | 4 |
| lguzmane | 5.212 | 203.751 | 0.150537634 | 0.784602151 | 4 |
| linavend | 60.065 | 228.569 | 0.151845638 | 9.120608221 | 4 |
| lopandrp | 6.233 | 154.029 | 0.193939394 | 1.208824242 | 4 |
| lopesort | 2.895 | 157.512 | 0.128571429 | 0.372214286 | 4 |
| lorenpax | 7.118 | 194.846 | 0.248175182 | 1.766510949 | 4 |
| lourdale | 72.863 | 199.14 | 0.21641791 | 15.76885821 | 4 |
| lozantom | 7.087 | 207.716 | 0.1875 | 1.3288125 | 4 |
| luiswhid | 58.563 | 238.12 | 0.193173566 | 11.31282353 | 4 |
| mabadri | 76.673 | 220.363 | 0.190205011 | 14.58358884 | 4 |
| maricafe | 16.033 | 220.551 | 0 | 0 | 4 |
| marinfue | 5.417 | 165.403 | 0.098360656 | 0.532819672 | 4 |
| marpremi | 3.693 | 222.576 | 0 | 0 | 4 |
| marqupil | 2.548 | 276.28 | 0.177777778 | 0.452977778 | 4 |
| marreboy | 12.462 | 237.525 | 0.108626198 | 1.353699681 | 4 |
| martmh | 37.009 | 292.85 | 0.149925037 | 5.548575712 | 4 |
| martojes | 10.036 | 194.491 | 0.2 | 2.0072 | 4 |
| masegosf | 54.178 | 194.931 | 0.24479889 | 13.26271429 | 4 |
| menramat | 79.099 | 254.58 | 0.227848101 | 18.02255696 | 4 |
| mgarraqu | 16.233 | 232.922 | 0.113333333 | 1.83974 | 4 |
| mihirgjo | 6.729 | 157.228 | 0.196787149 | 1.324180723 | 4 |
| mogkadfi | 54.285 | 363.8 | 0.182971014 | 9.932581522 | 4 |
| montalac | 19.053 | 213.458 | 0.244488978 | 4.658248497 | 4 |
| morexyer | 2.742 | 121.073 | 0 | 0 | 4 |
| mulmirif | 7.183 | 173.188 | 0.253012048 | 1.817385542 | 4 |
| nberramk | 42.125 | 229.41 | 0.251682369 | 10.60211978 | 4 |
| nellroch | 2.737 | 166.607 | 0.12195122 | 0.333780488 | 4 |
| omolimar | 2.68 | 167.568 | 0.148148148 | 0.000397037 | 4 |
| opesergi | 10.15 | 212.715 | 0.016216216 | 0.000164595 | 4 |
| ortalejd | 5.129 | 191.852 | 0.12962963 | 0.66487037 | 4 |
| otadrian | 22.372 | 272.97 | 0.175202156 | 3.919622642 | 4 |
| ouadbrah | 2.634 | 156.773 | 0 | 0 | 4 |
| pbmoreno | 19.753 | 218.552 | 0.106870229 | 2.111007634 | 4 |
| peolivag | 38.956 | 228.36 | 0.218617772 | 8.516473907 | 4 |
| perezojm | 37.519 | 351.34 | 0.091472868 | 3.431970543 | 4 |
| planmarb | 4.658 | 156.499 | 0.204081633 | 0.950612245 | 4 |
| provalle | 52.36 | 221.35 | 0.144578313 | 0.00757012 | 4 |
| qdamaiba | 2.616 | 338.29 | 0 | 0 | 4 |
| qgomezda | 6.861 | 214.845 | 0.211711712 | 1.452554054 | 4 |
| quevelen | 2.462 | 211.245 | 0 | 0 | 4 |
| requenan | 4.371 | 172.057 | 0.244444444 | 1.068466667 | 4 |
| reyescen | 10.441 | 186.852 | 0.232758621 | 2.430232759 | 4 |
| rmoraana | 69.492 | 231.653 | 0.137034434 | 9.522796908 | 4 |
| rombotia | 13.651 | 229.72 | 0.1875 | 2.5595625 | 4 |
| rosamdel | 9.361 | 177.859 | 0.157706093 | 1.476286738 | 4 |
| ruizgimw | 2.876 | 174.199 | 0.181818182 | 0.522909091 | 4 |
| sanandrb | 23.286 | 222.536 | 0 | 0 | 4 |
| sandloai | 12.297 | 197.775 | 0.247588424 | 3.044594855 | 4 |
| santiahg | 11.263 | 214.593 | 0.19205298 | 2.163092715 | 4 |
| sapjorge | 78.924 | 235.518 | 0.180158247 | 14.21880949 | 4 |
| silvkdia | 57.003 | 215.445 | 0.154199475 | 8.789832677 | 4 |
| tamamorc | 38.475 | 200.441 | 0.233215548 | 8.972968198 | 4 |
| tatosori | 54.808 | 340.86 | 0.226004084 | 12.38683186 | 4 |
| tatrojas | 2.866 | 126.298 | 0.128571429 | 0.368485714 | 4 |
| tiintric | 2.891 | 126.271 | 0.112903226 | 0.326403226 | 4 |
| victopul | 6.674 | 197.63 | 0.08 | 0.53392 | 4 |
| vramieli | 2.773 | 152.189 | 0.115789474 | 0.321084211 | 4 |
| ymartadr | 64.695 | 226.202 | 0.223762376 | 14.47630693 | 4 |
| zapatadi | 5.146 | 192.786 | 0 | 0 | 4 |
| zaseange | 2.59 | 182.243 | 0.181818182 | 0.000470909 | 4 |

Finalmente se adjuntan dos Pie charts que vienen a explicar lo siguiente:

El primero de ellos representa el porcentaje de asociados que hay en cada grupo de clasificación mientras que el segundo gráfico representa, de todas las horas que se reconocen como unknown idle time, la fracción por grupo.

Con el objetivo de poder minimizar el unknown idle time, de manera que los top offenders de futuro se conviertan en los average actualmente, deberíamos trabajar con el 43% de los asociados (aquellos clasificados en los grupos G2 y G3), representando estos dos grupos el 51% de las horas en las que se comete idle.

Cabe destacar los asociados del grupo G2 ya que representan tan solo el 22% de la plantilla pero generan el 31% del Unknown Idle.

**ACCIONES PROPUESTAS**

Seccionar el briefing por zonas. En cada zona se colocarán los AA vinculantes a la tarea. De esta manera AM/TL chequean rápidamente el número de personas por proceso para posibles ajustes en caso de ausencias no justificadas. P.E. si en corral habían planeados 5 AA y solo aparecen 2 AA en el briefing habría que reforzar la zona de corral ajustando el resto de procesos.

Taquillas en zona Fluid: A la hora de hacer relevos en el fluid, los AA que están en estaciones de decant deben ir hasta las taquillas de cantina para recoger sus botas, chalecos, etc. Propongo que el AA que este en decant no se vea en la necesidad de volver a cantina, pasar el control de seguridad y en su lugar vaya directamente a fluid donde podrá cambiarse de zapatos.

Una mayor presencia de COW.

En el Flow de turno, que (Decant, Stow) prepare una lista de los top offenders del dia + razones del AA, si existen.

Priorizamos el Fast Start, poner un máximo de tiempo en el briefing (4minutos)

Los labor moves que nos piden OB mientras estamos en la primera parte del turno, preguntamos si pueden esperar al descanso para minimizar flujo de personas.

Strong finish: que un Lead se acerque a la zona de fichajes para dar gracias a la gente por el turno… Medida para ver que AA dejan recurrentemente el site antes de tiempo

Cambiar de ubicación la máquina de logueos: Se podrían poner 2 en briefing y 3 justo en la COW del lead de decant

Minimizar el tiempo que tarda la gente en limpiar. Hay AA que pueden tardar 10 minutos limpiando y con 3-4 bastaría. A través de FANS mandarle mensaje para que a partir de ese momento ya puedan limpiar estación

Para alloc abuse: enfermería

“me duele aquí y solo puedo hacer \_\_\_\_ tarea” ponerlo justo en otra (explicándole que por tema de operativa ya hemos excedido el cupo de poner gente ahí)

Moves de decant a prep: la línea de decant vacia. Reforzar idea a los leads recieve y gente de corral que a final de turno las líneas deben quedarse llenas.

AFM ausencia, remplazo sacado ----🡪 este allocation abuse se minimizaría con el uso de cintas para identificar persona con proceso en el briefing

MAS ACCIONES

Install Chime Bot for Idle Alert: Record reasons for idle time in a tracker and analyze them at least twice a week in order to identify main root causes and act on them. (Examples: missing buffer, station not working, labour moves before break or EOS).

Hay un problema con los baños antes del descanso y final de turno. La gente esta aburrida , cansado o con ganas de salir por la puerta. Y empiezan las visitas al baño una y otra vez

5S en los briefing

Dejar una única mesa en Flow decant y redistribuirlas. Una mesa entre líneas 2-3 (mayor aglomeración de gente)

Una cow en corral para lead

FANS antes del breack y antes de acabar turno avisando a AA cuando se les permite limpiar estación

POZO y consum paga por productividad

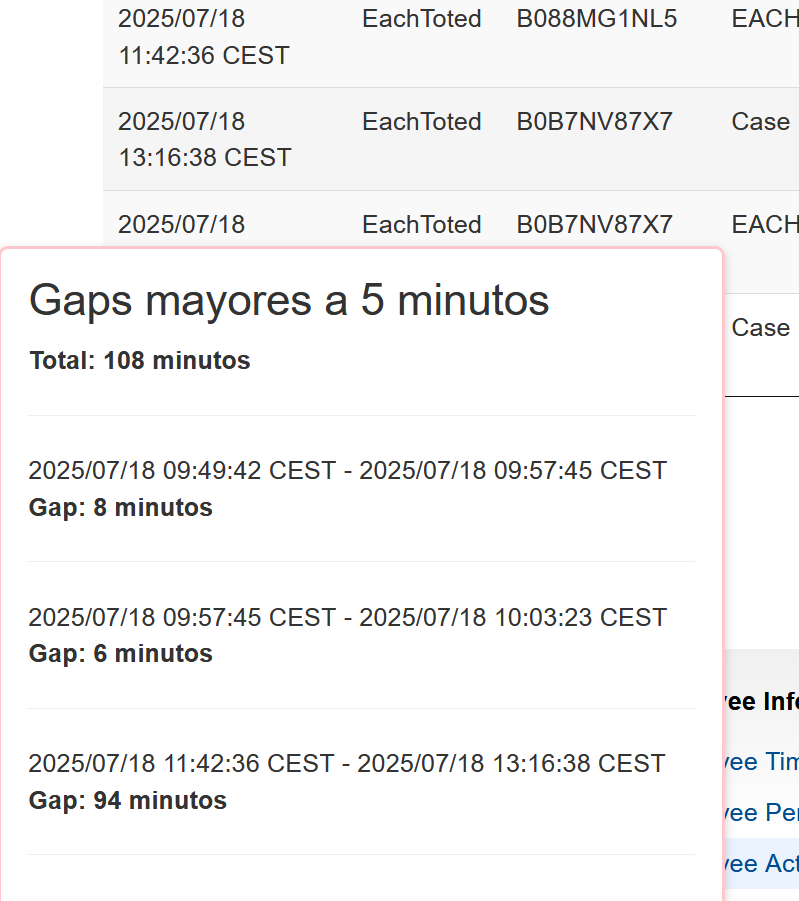
Siempre que vaya un indirecto al baño avisad TM (por si se generan JAMS, se quedan los totes vacio..)

Poner a un LEAD en los fichajes a final de turno

Que las personas de tarea indirecta (TR;JB;Dock) le den la pistola al AM y el AM se encargue de cargarla. De esta manera les presionamos para que apuren unos minutos más. O en su defecto que un TL/AM se vaya a la zona de cargadores

A final de turno, TL/AM verifican que hay material (cutter, scanner..) en cada estación

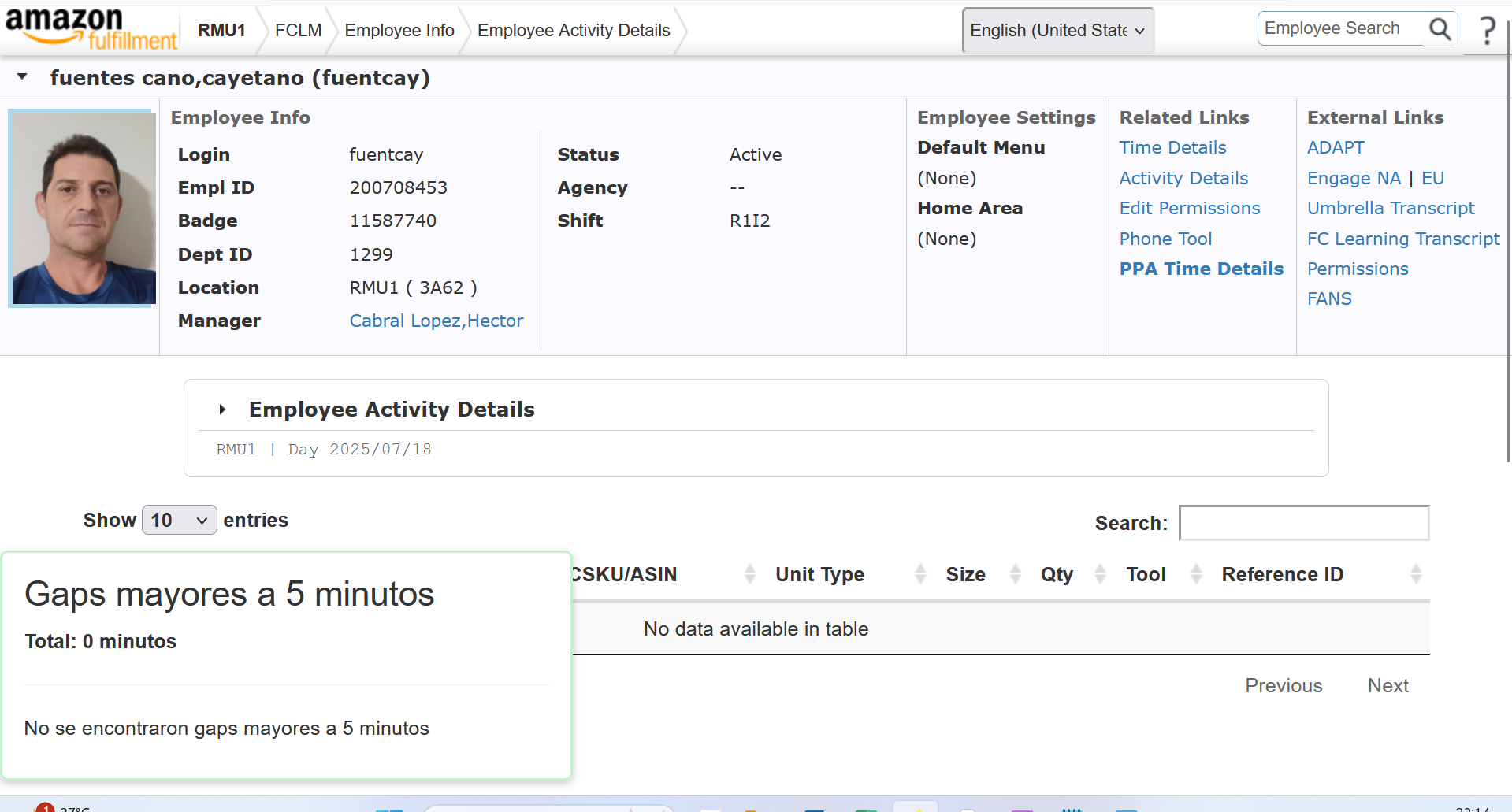
Empezar con un nº de personas mas bajo en QS y a la hora incrementarlo.



Que el TL verifique logeo del fluis andtes de enviarlo (calvomun)



Reforzar también después del breack!!!



Lo he tenido en corral, en fluid, sacando totes de montas.. y 0 gap?