

**REGISTRO DE INSTALACIÓN**  
**GRUPO DE INVESTIGACIÓN BIGDATA**  
**I PAO 2025**

| Lista de Programas                        |                  |           |
|-------------------------------------------|------------------|-----------|
| Nombre                                    | Versión          | Licencias |
| <b>Sistema Operativo</b>                  |                  |           |
| Ubuntu                                    | 20.04            | GRATIS    |
| Windows 11 Professional Español (x64)     | 21H2             | ESPOL     |
| Drivers                                   |                  | NA        |
| <b>Herramientas de Escritorio</b>         |                  |           |
| Antivirus ESET Endpoint Security          | 11.1.2053.2      | ESPOL     |
| CCleaner                                  | 6.32             | GRATIS    |
| Java™ SE Development Kit                  | 20.0.2.0         | GRATIS    |
| Microsoft Office Professional 2019        | 16.0.10416.20047 | ESPOL     |
| Microsoft Project Professional 2019       | 16.0.10416.20047 | ESPOL     |
| Microsoft Visio Professional 2019         | 16.0.10416.20047 | ESPOL     |
| Notepad++                                 | 8.5              | GRATIS    |
| Winrar                                    | 6.23             | GRATIS    |
| <b>Herramientas de Internet</b>           |                  |           |
| Google Chrome                             | 133.0.6943.60    | GRATIS    |
| Microsoft Edge                            | 133.0.3065.59    | GRATIS    |
| <b>Herramientas de Grupo</b>              |                  |           |
| Apache NetBeans IDE                       | 19               | GRATIS    |
| Autodesk Inventor Professional 2021       | 25.0.18300.000   | PRUEBA    |
| Git                                       | 2.43.0           | GRATIS    |
| Microsoft SQL Server 2014 Express LocalDB | 12.3.6024.0      | GRATIS    |
| MySQL Workbench 8.0 CE                    | 8.0.34           | GRATIS    |
| Node.js                                   | 18.18.0          | GRATIS    |
| Proteus 8 Professional                    | 8.9.28501.0      | ESPOL     |
| PuTTY                                     | 0.79.0.0         | GRATIS    |
| TeXstudio                                 | 4.6.3            | GRATIS    |
| XAMPP                                     | 8.2.4-0          | GRATIS    |