*(Adam’s installation notes)*

1. Fork Tim Severson’s Curesort repository on GitHub
   1. <https://github.com/MilesCraft/CureSort2/tree/master/src/CureSort2>
2. Install the most recent version of dotnet sdk version 1
   1. For us it was 1.1.12 *(.NET Installer x86 or x64? I went with x86)*
      1. Version 2 point anything won’t work with curesort
   2. <https://dotnet.microsoft.com/download/dotnet-core/1.1>
3. Azure login in portal (*not necessary*)
   1. [https://portal.azure.com](https://portal.azure.com/)
   2. Talk to Tania and/or Tim about the credentials
      1. Tim: [timseverson@projectcure.org](mailto:timseverson@projectcure.org)
      2. Tania: [taniahopkins@projectcure.org](mailto:taniahopkins@projectcure.org)
4. Microsoft SQL Server Express (*choose* *basic installation*) (*you may need to restart your computer*)
   1. <https://www.microsoft.com/en-us/sql-server/sql-server-editions-express>
   2. Use the Microsoft SQL Server Management Studio (SSMS) to interact with the database using a GUI instead of the command line.
      1. Should be installed with SQL Server Express (*for me it was offered as an additional option after the installation)*
5. Microsoft Local DB
   1. <https://docs.microsoft.com/en-us/sql/database-engine/configure-windows/sql-server-express-localdb?view=sql-server-2017>
   2. When running the SQL Server Express select the media installation package (should be furthest right). In that installer there should be an option to download the LocalDB package, do that.
6. Use Windows Command Prompt to create a local server
   1. Run the command: sqllocaldb c “MSSQLLocalDB” -s
7. In the window that pops up when opening Microsoft SQL Server Management Studio create a new database with the name (LocalDb)\MSSQLLocalDB
   1. Server type: Database Engine
   2. Select Windows Authentication
8. Right click the database folder in the server and create a new database in the local server named aspnet-CureSort2-0a611bbb-41e5-499f-86f9-e9aba4e129ca
   1. Select default owner
9. Install appropriate Microsoft Access Database driver that your system needs
   1. <https://www.microsoft.com/en-us/download/details.aspx?id=13255> (*x64 installer -- the other one didn’t add xcel as an option)*
10. Search import in the windows search bar, select the SQL Server (year) Import and Export Data. Use this to import (data source) from the Excel file
    1. Select 2007 - 2010 excel
    2. Select first row has column names box
11. For the destination select the type SQL Server Native Client 11.0
    1. Erase the default server name, type in (LocalDb)\MSSQLLocalDB
       1. If you select the drop down arrow it will freeze for a bit, then wipe the server name
    2. Select use windows authentication
    3. Database is aspnet-CureSort2-0a611bbb-41e5-499f-86f9-e9aba4e129ca
12. Copy data from one or more tables or views
13. Select all Tables and views
14. Hit finish, then hit finish again
15. Should now be able to run curesort code using the local database.