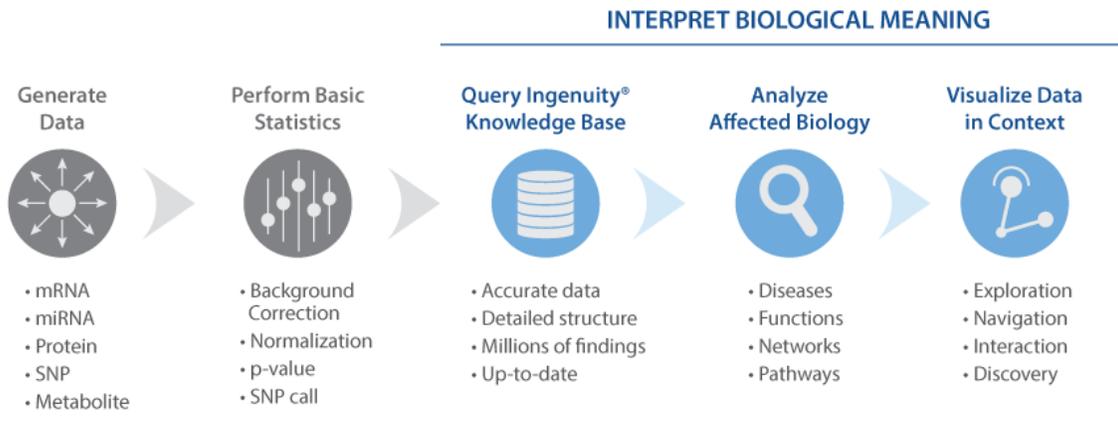


# The workflow of network analysis based on Ingenuity Pathway Analysis (IPA) software



- **Format the data in a way that IPA can upload**

Click **UPLOAD**, then browse to and open your dataset file (\*.xls, \*.xlsx, or \*.txt). In the Dataset Upload window, set the upload options (for example, file format, identifier type, and observations), then click **SAVE & CREATE ANALYSIS**.

- **Set Upload options and identify ID and Observation columns**

Choose a project from the dropdown menu or create a New Project in which to store your dataset file, then click **SAVE**.

- **Set analysis parameters**

View the default settings for each parameter: General Settings; Networks; Data Sources; Confidence; Species; Tissues & Cell Lines; Mutation. Use the default settings (recommended), or enter your own settings. Enter an absolute value in the Cutoff field.

- **Run analysis**

Click **RUN ANALYSIS** to open the Start Analysis dialog. Select the project that contains your dataset. Enter a name for the analysis and any project notes. We recommend that you include the expression cutoff values in the analysis file name. Click **OK**. IPA displays an Analysis Running dialog for the first few seconds after the run starts. When the run is complete, IPA sends an email to the registered user and lists the analysis file name in the Project Manager window.