# Intellisense Data Integration Test Project

This project parse csv files and construct JSON file following the format ‘{mac : mac, created : createdDate, payload : {}, received : receivedDate}’ using javascript on node.js. The class test ‘App.js’ call the function ‘csvJSON’ witch return a JSON object, then this object is turn into a JSON file and sent to a FTP service.

## Getting Started

These instructions will get you a copy of the project up and running on your local machine for development and testing purposes.

This project is available on github repository and can be accessed by the link <https://github.com/tairoteixeira2020/IntellisenseTest>.

### Prerequisites

To run this test project is needed nmp, Node.js, node-ftp and FTP service running on your machine.

To get started in this walkthrough, install Node.js (<https://nodejs.org/en/download/>) for your platform. The npm (Node Package Manager) is included in the Node.js distribution. You'll need to open a new terminal (command prompt) for the node and npm command-line tools to be on your PATH.

To install node-ftp use the command line bellow on your terminal.

$ npm install ftp

### Running the tests

To run the test you need to call the file App.js using node.js as follow:

$ Node App.js csvFileName.csv jsonFileName.json

Where csvFileName.csv is the csv file to be parsed and jsonFileName.json is the JSON file created to be sent to the FTP service.

Observation: the FTP connections settings is hard coded on the file App.js. If you want to connect to another FTP service is needed to edit the part of App.js file bellow.

// FTP connections settings

  var connectionProperties = {

    host: "localhost",

    port: "21",

    user: "anonymous",

    password: "",

};