```
"cells": [
   "cell type": "markdown",
   "metadata": {},
   "source": [
    "<center>\n",
         <img src=\"https://cf-courses-data.s3.us.cloud-object-</pre>
storage.appdomain.cloud/IBMDeveloperSkillsNetwork-DS0105EN-
SkillsNetwork/labs/Module2/images/SN web lightmode.png\" width=\"300\"
alt=\"cognitiveclass.ai logo\">\n",
    "</center>\n"
   ]
  },
   "cell type": "markdown",
   "metadata": {},
   "source": [
    "#### Add your code below following the instructions given in the
   1
  },
   "cell type": "markdown",
   "metadata": {},
   "source": [
   "# Data Science Tools and Ecosystem"
   1
  },
   "cell type": "markdown",
   "metadata": {},
   "source": [
    "In this notebook, Data Science and Ecosystem are summarized"
   ]
  },
   "cell type": "markdown",
   "metadata": {},
   "source": [
    "**Objectives:**\n",
    "- List popular languages of data science\n",
    "- Make headers of a certain size \n",
    "- List commonly used libraries used in data science\n",
    "- Make tables "
   ]
  },
   "cell type": "markdown",
   "metadata": {},
   "source": [
    "Some of the popular languages that data scientists use are: \n",
    "\n",
    "1. Python\n",
```

```
"2. R\n",
    "3. Julia\n",
    "4. Scala"
  },
  {
   "cell type": "markdown",
   "metadata": {},
   "source": [
    "Some of the commonly used libraries used by data scientists
include: \n",
    "\n",
    "1. Pandas\n",
    "2. Numpy\n",
    "3. Scikitlearn\n",
    "4. Scipy"
   ]
  },
   "cell type": "markdown",
   "metadata": {},
   "source": [
   "|(Data Science Tools) |\n",
    "|----|\n",
    " | Spyder |\n",
    " | Rstudio |\n",
    " | Jupytr |\n",
    " | VS code | "
   ]
  },
   "cell type": "markdown",
   "metadata": {},
   "source": [
    "### Below are a few examples of evaluating arithmetic expressions in
Python"
   ]
  },
   "cell type": "code",
   "execution count": 1,
   "metadata": {
   "tags": []
   } ,
   "outputs": [
    "data": {
      "text/plain": [
      "17"
      ]
     },
     "execution count": 1,
     "metadata": {},
     "output_type": "execute_result"
```

```
}
  ],
   "source": [
   "# This is a simple arithmetic expression to multiply and add
integers \n",
   "\n",
   "(3*4)+5"
 },
  {
  "cell type": "code",
  "execution_count": 2,
   "metadata": {
   "tags": []
   "outputs": [
    "data": {
     "text/plain": [
      "3.3333333333333333
     ]
     },
     "execution count": 2,
     "metadata": {},
     "output_type": "execute result"
   }
  ],
   "# This will convert 200 minutes to hours by dividing by 60\n",
   "\n",
   "200/60"
  ]
 },
  "cell type": "markdown",
  "metadata": {},
  "source": [
   "## Author\n",
   "Jacob"
  ]
 }
],
 "metadata": {
 "kernelspec": {
  "display name": "Python",
  "language": "python",
  "name": "conda-env-python-py"
  "language info": {
   "codemirror mode": {
   "name": "ipython",
   "version": 3
  },
   "file_extension": ".py",
```

```
"mimetype": "text/x-python",
   "name": "python",
   "nbconvert_exporter": "python",
   "pygments_lexer": "ipython3",
   "version": "3.7.12"
   }
},
   "nbformat": 4,
   "nbformat_minor": 4
```