# bitsCrunch Data Science Task - Development

The coding task for the Backend Development (Node js) role is as follows. The data available here must be used to create a simple API application for this assignment. The backend should be Node js and the database can be sqlite3. The details of the api that will be developed are listed below. Candidates can also use their imagination to create a user interface for these APIs if time allows. It is recommended to follow best practices, use boilerplate, documentation and MVC patterns wherever relevant.

| API | response model |
|-----|----------------|
| /api/v1/{chain_id}/{address}/ | {<br>"name": str,<br>"image_url": str,<br>"description": str<br>} |
| /api/v1/{chain_id}/{address}/metrics/{marketcap} | {<br>"metric_name": "marketcap",<br>"value": float<br>} |
| /api/v1/{chain_id}/{address}/metrics/{assets} | {<br>"metric_name": "assets",<br>"value": int<br>} |
| /api/v1/{chain_id}/{address}/metrics/{floorprice} | {<br>"metric_name": "floorprice",<br>"value": float<br>} |

Candidates are requested not to spend more than a day to finish this task. Once completed, candidates can share the results in a ZIP file. If required, candidates will be asked to present the work in a separate interview.