Summary of Key Knowledge

1. Data Formatting in n8n

- Extract Data: Use Code node to process and format data.

- Remove Extra Characters: Ensure data like phone numbers are formatted correctly.

2. JavaScript Code for Phone Numbers

- Initial Code:

```javascript
const items = $input.all();

let phoneNumbers = [];

for (let i = 0; i < items.length; i++) {

  const phone = items[i].json.phoneUnformatted;

  if (phone) {

    phoneNumbers.push(phone);

  }

}
return [{ json: { phoneNumbers: phoneNumbers } }];
```

- Remove '+' Sign:

```javascript
const items = $input.all();

let phoneNumbers = [];
```

Summary of Key Knowledge

```
for (let i = 0; i < items.length; i++) {

  const phone = items[i].json.phoneUnformatted;

  if (phone) {

    phoneNumbers.push(phone.replace(/^\+/, ''));

  }

}

return [{ json: { phoneNumbers: phoneNumbers } }];
```

3. Error Handling

- Use .first(), .last(), or .all()[index] instead of .item if errors occur.

- Ensure data is correctly passed between nodes.

4. Saving Data

- Ensure correct formatting when saving to CSV or databases, avoiding extra quotes.