Darshan UNIVERSITY
योगः कर्मसु कौशलम्

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Query Practice (Moderate to Hard)

book table:
- id (Unique ID for each book)
- title (Title of the book)
- author_id (References the author table)
- category_id (References the category table)
- price (Price of the book)
- publication_year (Year of publication)

author table:
- id (Unique ID for each author)
- first_name (Author's first name)
- last_name (Author's last name)
- nationality (Author's nationality)

member table:
- id (Unique ID for each member)
- first_name (Member's first name)
- last_name (Member's last name)
- email (Member's email)
- membership_type (Type of membership: Standard, Premium, VIP)

category table:
- id (Unique ID for each category)
- name (Name of the category: Science, Art, etc.)

book_issue table:
- id (Unique ID for each book issue transaction)
- member_id (References the member table)
- book_id (References the book table)
- issue_date (Date when the book was issued)
- return_date (Date when the book was returned)
- fine_amount (Fine charged if returned late)

Consider above table schema and write following queries:

1.	List all members whose membership type is VIP and whose first name is AMIT or NEHA.
2.	List the different types of books under the Science category along with their prices.
3.	List all books written by authors of Indian nationality that were published after 2015.
4.	Find the member who has the highest number of issued books.
5.	List category-wise book's maximum price, minimum price, average price.
6.	List the members who have never issued a book.
7.	List all books that have been issued, along with the details of the members who issued them.
8.	List all books that were issued during the financial year 2024-25 along with the number of times they were issued.
9.	Find all members who have issued Science books more than 3 times.