EDS Ac vity – 1

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Dataset: - The Blog Authorship Corpus

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                                         import numpy as np
<u>a</u>
                                       np.random.seed(42)
                                        # Sample data for columns
ages = np.random.randint(18, 45, size=50)
genders = np.random.choice(['male', 'female'], size=50)
topics = np.random.choice(['tech', 'sports', 'fashion', 'travel', 'food', 'health', 'education'], size=50)
{x}
⊙
                                                    ples = np.random.cnoice([Tecn , sports , fashlon , travel , food , nealth , education ple posts = ["Exploring AI advancements", "football match analysis", "Latest fashion trends", "Travel hacks for budget trips", "Healthy recipes for busy people", "Nutrition myths busted", "Online education opportunities", "Smartphone wars 2025", "Olympics 2024 predictions", "Streetwear brands to watch", "Solo travel experiences", "Gourmet vegan recipes", "Workout plans for beginners", "Flaarning future trends", "Quantum computing simplified", "Basketball world cup updates", "Accessories trends 2025", "Hidden travel gems", "Plant-based diets explained", "Studying abroad tips", "Tech startups to follow", "Cricket legends of the year", "Winter fashion essentials", "Camping guides for beginners", "Reto diet simplified", "Wheditation techniques", "Best online certifications", "Gadget reviews", "Major league baseball highlights", "Evening gowns and formalwear", "Road trips around the world", "Superfoods benefits", "Education system reforms", "Tech conferences to attend", "soccer player rankings", "Hairstyle inspirations", "Luxury travel on a budget", "Diet myths debunked", "Scholarship opportunities", "Robotics innovations", "Tennis grand slam winners", "Men's fashion updates", "Trekking essentials", "Low-carb recipes", "AI in education", "Adventure travel diaries", "Nutrition for athletes", "E-learning vs traditional learning"
                                         sample_posts = [
                                                        "Nutrition for athletes", "E-learning vs traditional learning"
                                          # Build the DataFra
                                         # Bold the batarrame
data_large = pd.DataFrame({
   'Age': ages,
   'Gender': genders,
   'Topic': topics,
>_
                                                        'Posts': np.random.choice(sample_posts, size=50)
```







