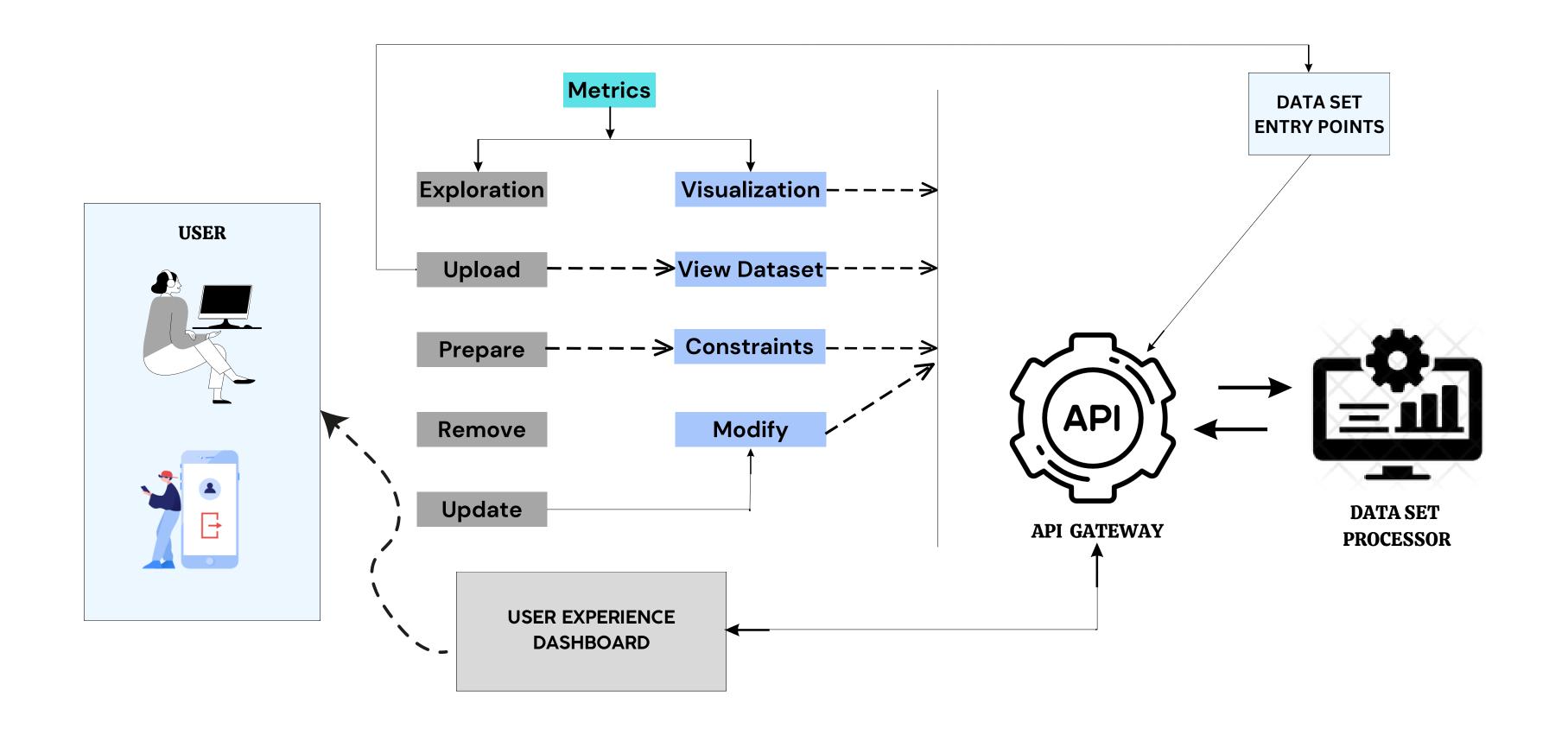ANALYTICS FOR HOSPITAL HEALTH DATA