fashion BRAIN project

Understanding Europe's Fashion Data Universe

Glossary of Acronyms and Abbreviations

Version 1.0

List of Acronyms and Abbreviations

5W1H	What, Who, Where, When, Why, How
ACID	Atomicity, Consistency, Isolation and Durability
ACV	Annual Contract Value
AHRC	Arts and Humanities Research Council
AI	Artificial Intelligence
AIE	Active Intelligence Engine
AMT	Amazon Mechanical Turk (www.mturk.com), micro-task crowdsourcing platform
ANN	Artificial Neural Network
API	Application Programming Interface
ARPU	Average Revenue Per User
AR	Augmented Reality
AS	Assumption
AUC	Area Under the Curve
ASIN	Amazon Standard Identification Number
B2B	Business to Business
BBDC	Berlin Big Data Center
BDVA	Big Data Value Association
BigComp 2019	6th IEEE International Conference on Big Data and Smart Computing
BLOB	Binary Large Object
BPR	Bayesian Personalized Ranking
CA	Consortium Agreement
CAC	Customer Acquisition Cost
CAGR	Compound Annual Growth Rate
CC-BY	Creative Commons Attribution licence
CCG	Combinatory Categorial Grammar
CCD	Classification using CD
CD	Centroid Decomposition
CDC	Change Data Capture
CHIMR	Centre for Health Information Management Research
CF	Crowdflower (www.crowdflower.com), micro-task crowdsourcing platform
CLEF	Cross-Language Evaluation Forum
COLING 2018	27th International Conference on Computational Linguistics
CNN	Convolutional Neural
CoNLL	Conference on Natural Language Learning
CPU	Central Processing Unit
CQE	Continuous Query Engine

CRM	Customer Relationship Management
CSV	Comma Separated Values
CT	Core Technology
CTI	Commission for Technology and Innovation
CWM	Common Warehouse Metamodel
DBMS	Database Management System
DA	Dependency Analysis
DM	Distribution Modeling
DMP	Data Management Plan
DoA	Description of Action
DSSM	Deep Structured Semantic Models
EC	European Commission
EDI	Electronic Data Interchange
EFR	Enterprise File Replication
EII	Enterprise Information Integration
EL	Entity Linking
ELU	Exponential Linear Unit
EM	Expectation Maximization
EN	English
EO	Earth Observation
ERP	Enterprise Resource Planning
ETL	Extract, Transform, Load
EUDAT	The European Data Infrastructure
F	Forecasting
F8	Figure Eight (www.figure-eight.com), micro-task crowdsourcing platform
EPSRC	Engineering and Physical Sciences Research Council
FaBIAM	FashionBrain Integrated Architecture
FB	Facebook (www.facebook.com)
FADP	Federal Act of Data Protection
FAIR	Findable, Accessible, Interoperable and Reusable
FBT	FashionBrain Taxonomy
FDWH	Fashion Data Warehouse
FET	Future and Emerging Technologies
FTP	File Transfer Protocol
GB	Gigabyte
GDPR	General Data Protection Regulation
GPU	Graphics Processing Unit
GRU	Gated Recurrent Unit
GUI	Graphical User Interface
HANA	High-performance Analytic Appliance
HCOMP 2018	6th Annual AAAI Conference on Human Computation and Crowdsourcing
HDFS	Hadoop Distributed File System

HTML	Hypertext Markup Language
HTTP	HyperText Transfer Protocol
IaaS	Infrasctructure as a Service
ICDE 2019	35th IEEE International Conference on Data Engineering
ICT	Information and Communications Technology
ID	Identifier
IDEL	In-Database Entity Linking
INDREX	In-Database Relation Extraction
I/O	Input/Output
IoT	Internet of Things
IP	Internet Protocol
IPR	Intellectual Property Rights
IT	Information Technology
JDBC	Java Database Connectivity
JMS	Java Message Service
JPG	Joint Photographic Experts Group
JSON	JavaScript Object Notation
JURI	European Parliament Committee on Legal Affairs
KNN	k-Nearest Neighbours
KPIs	Key Performance Indicators
LDAP	Lightweight Directory Access Protocol
LSTM	Long Short-Term Memory
LTV	Lifetime Value
MAL	MonetDB Assembly Language
MFT	Managed File Transfer
ML	Machine Learning
MPP	Massive Parallel Processing
MRR	Monthly Recurring Revenue
MV	Majority Voting
MVE	Missing Value Estimation
NEL	Named Entity Linking
NER	Named Entity Recognition
NHS	National Health Service
NLP	Natural Language Processing
NNS	Nearest Neighbour Search
oAuth	Open Authorization
ODBC	Open Database Connectivity
OEM	Original Equipment Manufacturer
OLAP	Online Analytical Processing
ORDA	Online Research Data
ORDP	Open Research Data Pilot
PCC	Pearson Correlation Coefficient

PDF	Portable Document Format
PFPDT	Préposé Fédéral à la Protection des Données et à la Transparence (Swiss Federal Data Protection and Information Commissioner)
PPP	Public-Private Partnership
Q/A	Question and Answer
R&D	Research and Development
RCUK	Research Councils UK
RDBMS	Relational Database Management System
RDF	Resource Description Framework
RELU	Rectified Linear Unit
REST	REpresentational State Transfer
RL	Record Linkage
RMSE	Root-Mean-Square Error
RNN	Recurrent Neural Network
RNNs	Recurrent Neural Networks
ROC	Receiver Operating Characteristics
ROI	Region of Interest
RTD	Research and Technological Development
RY	Raykar
RY$_s$	Raykar Supervised
SaaS	Software as a Service
SEO	Search Engine Optimisation
SGD	Stochastic Gradient Descent
SKU	Stock Keeping Unit
SOA	Service-Oriented Architecture
SPERI	Sheffield Political Economy Research Institute
SQL	Structured Query Language
SM	Social Media
SNMP	Simple Network Management Protocol
SRIA	Strategic Research and Innovation Agenda
SSM	State Space Models
SSV	Scalable Sign Vector
TAC-KBP	Text Analysis Conference Knowledge Base Population
T&Cs	Terms and Conditions
TCP	Transmission Control Protocol
TF-IDF	Term Frequency-Inverse Document Frequency
TREC	Text Retrieval Conference(s)
TimeSVD++	Temporal SVD
TimeSVD$_{vc}$	TimeSVD++ with visual component
TSV	Tab Separated Values
TVBPR+	Temporal VBPR
UCI	University of California, Irvine

UDF	User-Defined Function
UDP	User-Defined Procedure
UI	User Interface
UREC	University Research Ethics Committee
URL	Uniform Resource Locator
VR	Virtual Reality
WP	Work Package
XBRL	eXtensible Business Reporting Language
XML	eXtensible Markup Language
YT	YouTube (www.youtube.com)
ZC	ZenCrowd
ZC$_s$	ZenCrowd Supervised