A

A/B testing, 149
  ending tests, 155–156
  no significant difference, 156
Optimizely, 149–154
  variations, advanced segmentation
  and, 151–154
ABC framework, 48–50
Accounts report (AdWords), 37
  acquisition channels, 135–137
  custom groups, 136–137
Direct groups, 135
Display groups, 136
Organic Search, 135
Paid Search groups, 136
Referral groups, 135
  reports
    custom campaign data, 137
    overview, 136
Social groups, 135
Acquisition Device report, 126–127
ad groups, 36
AdSense
  access levels, 58
  Content Grouping, 65–67
  dashboard, 69–70
  acquisition, 72
  behavior, 72
  demographics, 71–72
  performance trends, 71
  data discrepancies, 61–62
  data management, 61
  effectiveness analysis, 62–72
  linking with Analytics, 57–60
  multiple accounts, 60–61
  metrics, 63–64
  Primary Dimensions, 68–69
  product linking, 58
  referrals, 68–69
  reporting, 58–59
    pages, 64–65
    unlinking, 61
AdWords
  access levels, 23–24
  accounts
    linking, 24
    structure, 34–36
ad groups, 36
  auto-tagging, 25–26
  brand terms, 26–28
  campaigns, 35–36
  currency, conversion, 34
dimensions, 32–33
discrepancies, 30–31
keywords, 36
linking, 23–24
metrics, 33–34
reports, 36–37
Accounts report, 37
Bid Adjustments report, 40
Campaigns report, 38
Destination URLs report, 43
Display Targeting report, 43–45
Hour of Day report, 41–43
Keywords report, 40–41
Search Queries report, 41
Shopping Campaigns report, 46–47
Treemaps report, 39–40
Video Campaigns report, 45–46
views, 24–25
analyzing data, 4
Android SDK, 73
AndroidManifest.xml file, 75–76
Campaign Tracking, 74–77
Install Tracking, 74–77
traffic sources, 77
Annotations, 19–20
auto-tagging, AdWords, 25–26

B
B2B (Business to Business),
   Remarketing, 53–54
Babbage, Charles, 1
Bid Adjustments report (AdWords), 40
brand queries, 26

C
campaigns, 35–36
   Android SDK, 74–77
custom, tagging, 14–15, 137–141
e-mail, creating, 161
Facebook Ads Manager, 143
inbound marketing, 138
iOS SDK, 78–81
LinkedIn Campaign Manager, 143
offline, measuring, 140–141
online, measuring, 139–140
shopping, optimization, 54–55
Twitter Ads, 143–144
Campaigns report (AdWords), 38
case sensitivity, 11–12
Change History, 18–19
C-level support, 5
clicks, 33
downloading, 8
Client ID, 122–123
configuration, change
   tracking, 18–19
content data, importing, 111–116
Content Grouping
   (AdSense), 65–67
content tracking, 8
cost, 33
Cost Data Import, 141–147
Cost per Conversion, 33
Cost per Goal Conversion, 33
Cost per Transaction, 34
CPC (cost per click), 26, 33
traffic, 28–29
CPM (cost per impressions), 33
Cross Domain Tracking, 7
CRT (click-through rate), 34
CSV files, content data
   import, 115
CTR (click-through rate), 26
currency, conversion, 34
Custom Dimensions, 7–8
Custom Reports, 7
   negative keywords, 50
customers, interface setup, 10–11
D

dashboard, AdSense
  performance, 69–70
acquisition, 72
behavior, 72
demographics, 71–72
trends, 71
data analysis, 4
data collection, 4
Data Import, 107, 108–109
  advantages, 109
best practices, 117–118
Cost Data Import, 141–147
data types, 109
  Campaign Data, 110
  Cost Data, 111
  CRM data, 110
  Custom Data, 111
Query String Parameters, 111
Transactions, 111
  URLs, 111
limitations, 117–118
data points, versus trends, 4
data types (Data Import), 109
  Campaign Data, 110
  Cost Data, 111
  CRM data, 110
  Custom Data, 111
Query String Parameters, 111
Transactions, 111
  URLs, 111
data upload, 146–147
dataset types, content data import, 112–113
datasets
  campaigns, 144–146
  keys, 121
  siloed dataset, 121–122
time and, 121
decision making, GIGO (garbage in, garbage out), 1
decision sciences, 1
Demographics and Interest Reports, 13
Destination URLs report (AdWords), 43
Device Overlap report, 124
Device Paths report, 124–126
Diagnostics, 9
dimensions, 32–33
discount coupon download, 175–179
Display Advertising, 13
Display Targeting report
  (AdWords), 43–45
downloading, clicks, 8
duplicate pages, removing, 11–12

E
ecommerce, 7
  Remarketing, 53
e-mail
  Analytics code, 161–163
campaigns, creating, 161
Email Open metric, 163
MailChimp ID, 166–167
results analysis, 163–164
tracking opens, 159–160
  Custom Metrics, 160–161
user behavior across
devices, 165–170
User ID, 165–170
Enhanced Ecommerce, 7
  refund data, 117
  Remarketing, 53
events, goal setup, 10

F

Facebook Ads Manager, 143
FeedBurner, traffic tagging, 15–17
filters, 11
Index

G
GDN (Google Display Network), 36
Geographical Summary table, 94–95
GIGO (garbage in, garbage out), 1
goals
   defining, 3
destination, 10
duration, 10
events, 10
   pages/screens per session, 10
Google Analytics
   A/B testing data integration, 149–157
   AdSense integration, 57–72
   AdWords integration, 23–56
   custom data integration, 107–119
   email data integration, 159–171
   implementation management, 17–20
   interface setup, 9–14
   marketing campaign data integration, 135–148
   mobile apps integrations, 73–86
   offline data integration, 173–178
   performance optimization, 48–55
   user data integration, 121–133
   Webmaster Tools integration, 87–96
   YouTube integration, 97–103
Google Analytics Debugger, 9
Google Play
data, 73–74
   Referral Flow, 85
   reports, 82–85
   URL builder, 76–77
   graphs, Queries report, 90

H
Hour of Day report (AdWords), 41–43
implementation
   change tracking, 18–19
   C-level support, 5
data analysis, 4
data collection, 4
goals, 3
   Google Tag Manager, 6
   KPIs (key performance indicators), 3–4
   management, 2
   planning, 2–3
   troubleshooting, 9
importing data
   business-specific, 130–132
   content data, 111–116
   Cost Data Import, 141–147
   Data Import, 107
data types, 109–111
   datasets, 144–146
   dimensions, 109
   formatting for upload, 146
   Measurement Protocol, 108
   product profit margin data, 116–117
   refund data, 117
   user data
      Client ID, 122–123
      siloed dataset, 121–122
      User ID, 122–130
   impressions, 34
   inbound traffic, tagging, 2, 14–17
   interface, 1
      customer focus, 10–11
duplicate pages, 11–12
goals, setup, 9–10
   parameters, removing, 11
   referrals, excluding, 13–14
   Site Search, 12–13
iOS SDK, 73
  Campaign Tracking, 78–81
  Install Tracking, 78–81
libAdldAccess.a
  library, 78
  traffic, 79–80
iTunes data, 73–74
  campaign parameters, 79

K
keys, datasets, 121
keywords
  AdWords, 36
  Custom Reports and, 50
Keywords report (AdWords), 40–41
KPIs (key performance indicators), 3–4

L
landing pages, Webmaster Tools
  and, 91–94
LinkedIn, Campaign Manager, 143

M
MailChimp
  Analytics code and, 162–163
  IDs, 165
    166-167
marketing campaigns
  acquisition channels, 135–137
  analysis, 147–148
Measurement Protocol, 108
  email opens, 159
metrics, AdWords, 33–34
Mobile App platform, 74
  mobile apps, 73
    campaign parameters, 76–77
  linking to property, 75

O
offline campaigns, 140–141
offline data tracking, 173
  Universal Analytics Form, 174
online campaigns, 139–140
Optimely, 149–154

P
parameters, interface, removing, 11
Personally Identifiable Information (PII), 110, 165, 174
PPC (pay per click), 28
Primar Dimensions (AdSenses), 68–69
properties
  mobile apps, 75
staging, 18

Q
queries, 26
Query Time Processing, 118

R
raw data, creating, 17
Real Time, 9
referrals, excluding, 13–14
RegEx patterns, content data import, 112
Remarketing, 51–54
reporting
  acquisition channels, 136
    custom campaign data, 137
  AdSense data, 58–59
    pages, 64–65
  AdWords, 36–37
    Accounts report, 37
    Bid Adjustments report, 40
    Campaigns report, 38
    Destination URLs report, 43
    Display Targeting report, 43–45
Hour of Day report, 41–43
Keywords report, 40–41
Search Queries report, 41
Shopping Campaigns report, 46–47
Treemaps report, 39–40
Video Campaigns report, 45–46
Custom Reports, 7
Google Play, 82–85
User ID
   Acquisition Device, 126–127
   Device Overlap, 124
   Device Paths, 124–126
   User-ID Coverage, 127
video performance, 103
ROAS (return on advertising spend), 34
RPC (return per click), 34

S
SaaS (Software as a Service),
   Remarketing, 53–54
Search Queries report (AdWords), 41
Segment builder, 7
segmentation, 4
   A/B testing and, 151–154
Segments and Custom Reports, 7
SEO reports
   Landing Pages, 93–94
   Webmaster Tools data, 89–90
Shopping Campaigns report
   (AdWords), 46–47
sioloed dataset, 121–122
Site Search, 12–13
staging views, 17
   properties, 18

tagging
   auto-tagging, AdWords, 25–26
campaigns
   custom, 14–15
   custom marketing campaigns, 137–141
traffic, inbound, 2, 14–17
testing, alternatives, 5
time, datasets and, 121
tracking
   content, 8
   offline data, 173
      Universal Analytics Form, 174
traffic
   Android SDK, 77
FeedBurner, 15–17
inbound, 2
tagging, 14–17
iOS SDK, 79–80
   YouTube, 98
Treemaps report (AdWords), 39–40
trends versus data points, 4
troubleshooting, code implementation, 9
Twitter Ads, 143–144

U
Universal Analytics, 107
User ID, 165–170
Universal Analytics Form, 173–174
discount coupon download, 175–179
uploading data, 147
formatting, 146
user data
   across devices, 165–170
Client ID, 122–123
sioloed dataset, 121–122
User ID, 122–123
   setting, 127–129
   storage, 129–130
   views, 124–127

T
Tag Assistant, 9
Tag Manager, 6
   YouTube video tracking, 99–103
User ID, 122–130
  policies, 165
  reports
    Acquisition Device, 126–127
    Device Overlap, 124
    Device Paths, 124–126
    User-ID Coverage, 127
  sending to Analytics, 167–168
  setting, 127–129
  storage, 129–130
  values, 168–170
  views
    creating, 124–127
    setup, 166
User-ID Coverage report, 127
UTM (Urchin Traffic Monitor), parameters, 14

V
video, annotations, 98–99
Video Campaigns report (AdWords), 45–46
views
  AdWords links, 24–25
  staging, 17
  visualization, 4

W
web analytics, 1
  process, 2–3
Webmaster Tools, 87–88
  Geographical Summary, 94–95
  landing pages, 91–94
  Queries report, 90–91

X-Y-Z
YouTube
  annotations, 98–99
  property tracking ID, 97
  tracking, 99–103
  tracking code, 97
  traffic, 98